DOCUMENT RESUME

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SPONS AGENCY	Bureau of Education for the Handicapped (DHEW/OE), Washington, D.C.
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ABSTRACT

The selected bibliography on physically handicapped, special health problems and cerebral palsy contains approximately 100 abstracts with indexing information drawn from the computer file of abstracts representing the Council for Exceptional Children Information Center's complete holdings as of August, 1972. Abstracts were chosen using the criteria of availability of document to user, currency, information value, author's reputation, and classical content. Preliminary information explains how to read the abstract (a sample abstract is included which identifies the different parts of the abstract), how to use the author and subject indexes, how to purchase documents through the Educational Resources Information Center Document Reproduction Service (three order blanks are provided), and provides an order blank for Exceptional Child Education Abstracts in which the abstracts are originally published, a list of indexing terms searched to compile the bibliography, and a list of journals from which articles are abstracted for the bibliography. Publication data of documents abstracted ranges from 1964 to 1971. (DB)

ED 074682

PHYSICALLY HANDICAPPED / SPECIAL HEALTH PROBLEMS AND CEREBRAL PALSY

A Selective Bibliography

August, 1972

CEC Information Center on Exceptional Children
An ERIC Clearinghouse
The Council for Exceptional Children
Jefferson Plaza, Suite 900
1411 S. Jefferson Davis Highway
Arlington, Virginia 22202

EC 051 731E

Exceptional Child Bibliography Series No. 628

The work presented or reported herein was performed pursuant to a grant from the Bureau of Education for the Handicapped, US Office of Education, Department of Health, Education, and Welfare. However, the opinions expressed herein do not necessarily reflect the position or policy of the US Office of Education and no official endorsement by the US Office of Education should be inferred.

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With a grant from the US Office of Education, the CEC Information Center was established at The Council for Exceptional Children to serve as a comprehensive source of information on research, instructional materials, programs, administration, teacher education, methods, curriculum, etc. for the field of special education. The Center functions as the Clearinghouse on Exceptional Children in the Educational Resources Information Centers (ERIC) program and also as a member center in the Special Education IMC/RMC Network. In addition, the CEC Center's program includes a commitment to a concentrated effort towards the development of products which will interpret research results into educational methods and practices.

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The *Exceptional Child Bibliography Series* was initiated by the CEC Information Center to answer the need for rapid responses to specific requests for information. The volume of information requests received by the Center is analyzed and used as a guide in preparing special topic bibliographies in the field of exceptional child education. Abstracts contained in the bibliographies are drawn from the computer file of abstracts which represents the CEC Information Center's complete holdings as of the date indicated on each bibliography.

Selective editing by Information Specialists is performed on each bibliography. From the total number of abstracts drawn from the file on a particular topic, selection is made of only those judged to best meet the following criteria: availability of the document to the user, currency, information value, author's reputation, and classical content. The number of abstracts selected to appear in a bibliography may vary from one to 100, depending on the amount of suitable information available. Updating of bibliographies as new material becomes available is accomplished when the volume of new material reaches 25 percent of presently available material on a given topic.

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Each abstract contains three sections–bibliographic data, descriptors, and a summary of the document. The bibliographic section provides the document's identifying number (ED and/or EC), publication date, author, title, source, and availability. The descriptors indicate the subjects with which a document deals. The summary provides a comprehensive overview of the document's contents and in some cases document availability is announced here.

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Documents with an ED number and EDRS availability indicated may be purchased from the ERIC Document Reproduction Service (EDRS). For your convenience an order form is provided on the back cover of this bibliography.

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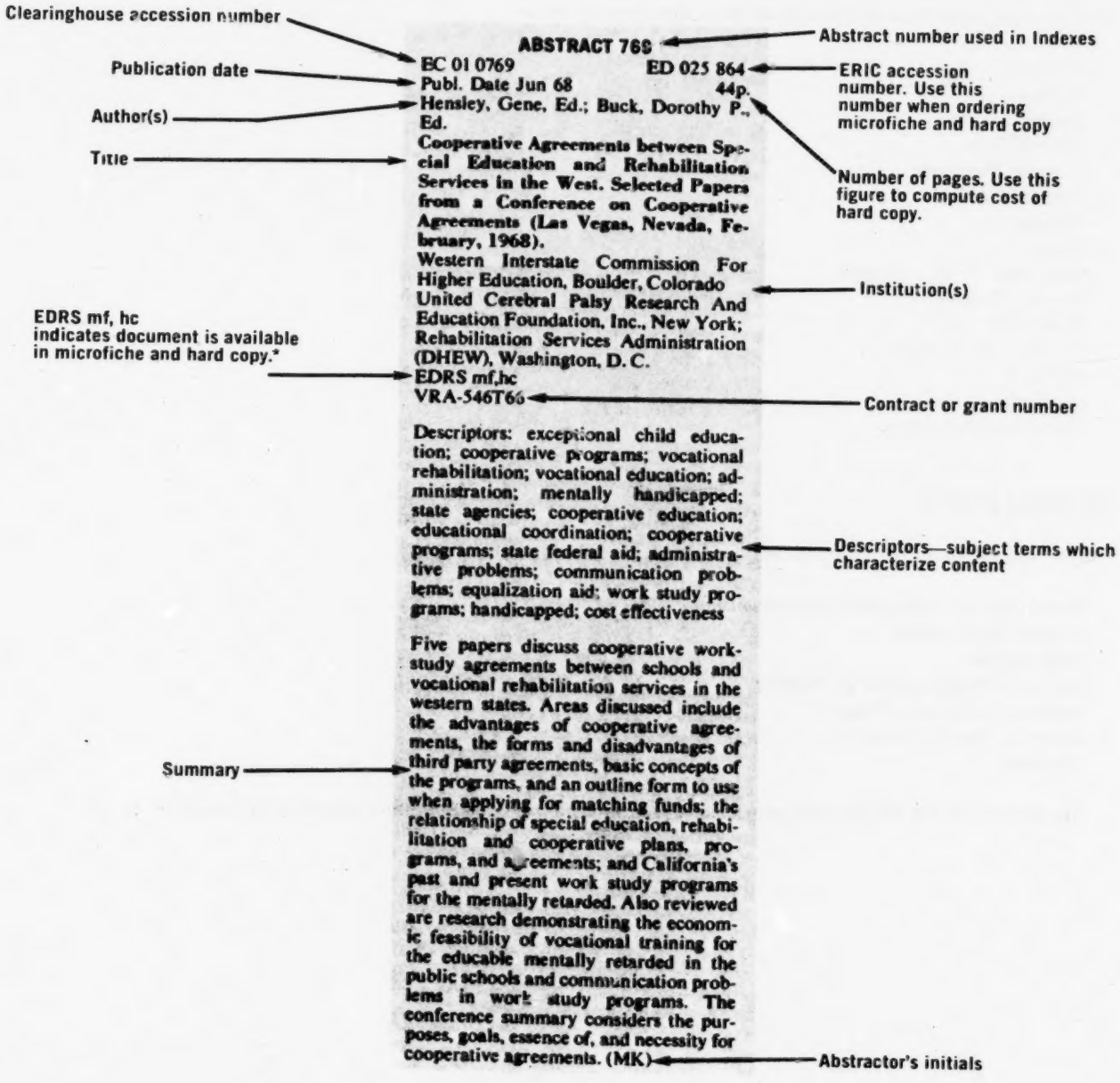
Clearinghouse accession number
ABSTRACT 768
Abstract number used in Indexes
Publication date
EC 01 0769
ED 025 864
ERIC accession number. Use this number when ordering microfiche and hard copy
Publ. Date Jun 68
44p.
Author(s)
Hensley, Gene, Ed.; Buck, Dorothy P., Ed.
Title
Cooperative Agreements between Special Education and Rehabilitation Services in the West. Selected Papers from a Conference on Cooperative Agreements (Las Vegas, Nevada, February, 1968).
Number of pages. Use this figure to compute cost of hard copy.
Western Interstate Commission For Higher Education, Boulder, Colorado
Institution(s)
United Cerebral Palsy Research And Education Foundation, Inc., New York; Rehabilitation Services Administration (DHEW), Washington, D. C.
EDRS mf, hc indicates document is available in microfiche and hard copy.*
EDRS mf,hc
VRA-546T66
Contract or grant number
Descriptors: exceptional child education; cooperative programs; vocational rehabilitation; vocational education; administration; mentally handicapped; state agencies; cooperative education; educational coordination; cooperative programs; state federal aid; administrative problems; communication problems; equalization aid; work study programs; handicapped; cost effectiveness
Descriptors—subject terms which characterize content
Five papers discuss cooperative work-study agreements between schools and vocational rehabilitation services in the western states. Areas discussed include the advantages of cooperative agreements, the forms and disadvantages of third party agreements, basic concepts of the programs, and an outline form to use when applying for matching funds; the relationship of special education, rehabilitation and cooperative plans, programs, and agreements; and California's past and present work study programs for the mentally retarded. Also reviewed are research demonstrating the economic feasibility of vocational training for the educable mentally retarded in the public schools and communication problems in work study programs. The conference summary considers the purposes, goals, essence of, and necessity for cooperative agreements. (MK)
Summary
Abstractor's initials

*NOTE: EDRS mf indicates microfiche reproduction only.

INDEXING TERMS SEARCHED

Indexing terms used to retrieve information on *Physically Handicapped, Special Health Problems, and Cerebral Palsy* from the Center's computer file of abstracts are listed alphabetically below:

Amputees
Asthma
Cardiac (Person)
Cerebral Palsy
Cosmetic Prosthesis
Crippled Children
Diabetes
Epilepsy
Orthopedically Handicapped
Physical Handicaps
Physical Therapy
Physically Handicapped
Prosthesis
Quadriplegia
Special Health Problems

JOURNALS USED

Abstracts of articles from the following periodicals appear in this bibliography:

British Journal of Disorders of Communication
Cerebral Palsy Journal
Child Welfare
Journal of Health and Social Behavior
Journal of Infectious Diseases
Journal of Special Education
Pediatrics

The abstracts in this bibliography were selected from *Exceptional Child Education Abstracts*, Volumes I-IV, No. 2.

ABSTRACTS

ABSTRACT 10058

EC 01 0058 ED 014 821
Publ. Date 28Feb 66 31p.
Mc Cann, Cairbre
Development and Evaluation of Adaptive Communication Devices for the Severely Handicapped Child.
Crotched Mt. Found., Greenfield, New Hampshire
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; communication (thought transfer); cerebral palsy; communication problems; electromechanical aids; adolescents; adults; children

A sample of 13 severely involved, cerebral palsied clients (12 children, one adult) participated in this study. Degree of neuromotor disability was determined by a scale based on activities of daily living. A psychological evaluation was made of all subjects in the study. Subjects were evaluated in their use of electronic switches connected to various output devices ranging in complexity from a simple series of lights to a specially modified electric typewriter. Successful use of these devices has implications for recreation, education, communication, and therapy. Switch controls that were developed included a joystick, a set of mercury switches mounted on a hat, a miniature joystick held between the teeth and operated by the tongue, a pneumatic control hemispherical joystick for a palmar surface control, several magnetically activated devices, and a horn button switch. Output devices included a display board with four lightbulbs, Etch-a-Sketch drawing toy strip projector and electric typewriter control device. Subjects were evaluated on time lapse between request for response and response and adequacy of response. The appendixes include activities of daily living evaluation form, information on subjects tested and photographs of the input and output devices tested. (GB)

ABSTRACT 10115

EC 01 0115 ED 015 573
Publ. Date 64
McDonald, Eugene T.;
Cerebral Palsy, Foundations of Speech Pathology Series.
EDRS not available

Descriptors: exceptional child education; identification; speech therapy; physically handicapped physical therapy; speech handicapped; cerebral palsy; language development; children; etiology; medical evaluation; multiply handicapped; neurologically handicapped; neurology; speech; speech evaluation; speech instruction; classification

This introductory text on cerebral palsy is divided into two sections. The first section of the book contains information about understanding the meaning of cerebral palsy, programe for those with cerebral palsy, the neurological bases, etiology, diagnosis, and the classification of cerebral palsy. Problems often associated with cerebral palsy are briefly discussed as are the types of therapy employed in treatment. The last two chapters are concerned with diagnosis and treatment of language and speech problems. Each of the chapters has a series of suggested readings and questions about the topic. A 195-item bibliography is included. This document is available from Prentice-Hall, Inc., Englewood Cliffs, New Jersey, and is available for $4.95. (GB)

ABSTRACT 10125

EC 01 0125 ED 016 351
Publ. Date Mar 67 11p.
Hall, Robert E.; Lehman, Eileen F.
Some Colleges and Universities with Special Facilities to Accommodate Hndicapped Students, a Directory.
Office Of Education, Washington, D. C
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; physical facilities; orthopedically handicapped; colleges; universities; directories; special services; physical education; vocational rehabilitation; special counselors; counseling services; federal programs; handicapped; college buildings

The directory lists 190 United States colleges and universities enrolling more than 1000 students in 40 states and the District of Columbia which provide at least two of six conveniences for handicapped students--(1) on-campus housing ramps, (2) classroom ramps, (3) library ramps, (4) beveled curbs, (5) reserved parking, and (6) modified toilet facilities. The directory also indicates the presence of related services--special counselors, regualr vocational rehabilitation, service visits, and adapted physical education. Further descriptive information about each institution includes location, control (public or private), length of program offered, type of student body (coed, male, female), and whether the institution participates in the Public Law 85-926 (as amended) Traineeship-Fellowship Programs. The directory notes other federal financial aid programs briefly--college work-study programs, National Defense students loans, Educational Opportunity grants, and guaranteed loans. Also cited are some state and private sources of scholarships and loans. (DF)

ABSTRACT 10354

EC 01 0354 ED 014 834
Publ. Date Dec 66 22p.
Robinault, Isabel P., Comp.
Audio Visual Materials.
Unted Cerebral Palsy Asn., New York, New York
EDRS mf,hc

Descriptors: exceptional child education; audiovisual instruction; physically handicapped; vocational rehabilitation; cerebral palsy; films; filmstrips; annotated bibliographies; catalogs; instructional materials; medical evaluation; recreation; management; activities

One hundred twenty-seven films and filmstrips related to the diagnosis and habilitation of cerebral palsied persons with varying ages, needs, and circumstances are listed in this publication. The titles are listed alphabetically in sections--basic sciences and basic information, activities of daily living, medical aspects and therapeutic management, evaluation and psychosocial aspects, recreation, and vocational information. Information includes year, running time, color and sound information, rental fee, source from which available, and an annotation. The type of audience (lay or professional) is designated. (JA)

ABSTRACT 10373

EC 01 0373 ED 314 181
Publ. Date 64 69p.
A Selective Bibliography on Brain-Damaged Children.
Woods Sch. For Exceptional Children, Langhorne, Pa.
EDRS mf,hc

Descriptors: exceptional child education; learning disabilities; minimally brain injured; annotated bibliographies; adolescents; behavior; cerebral palsy; children; clinical diagnosis; diagnostic tests; etiology; eurologically handicapped; medical treatment; individual characteristics; theories; educational principles

Ranging in date from 1924 to 1963, this selective bibliography includes 317 annotated references dealing directly with the behavioral characteristics of children with cerebral dysfunction. References have appeared in journals or other sources available in university libraries. The bibliography is classified into six major divisions--(1) the entity and its description, (2) clinical and special diagnosis, (3) characteristic mechanisms and natural history, (4) etiology (clinical, experimental, and epidemiologica!), (5) treatment, education, and management,

and (6) reviews, overviews, and theories. In each division references have been listed alphabetically by author. This document is an excerpt from Brain-Damage in Children--The Biological and Social Aspects, edited by Herbert G. Birch, reprinted with permission of the Association for Aid of Crippled Children. (JA)

ABSTRACT 11385

EC 01 1385 ED N.A.
Publ. Date 66 33p.
Helsel, Elsie D., Ed.; Graham, Earl C., Ed.
Tomorrow is Today; Planning Ahead for Long Term Care, Legally--Financially.
United Cerebral Palsy Associations, Inc., New York, New York
EDRS not available
United Cerebral Palsy Associations, Inc., 321 West 44th Street, New York, New York 10036 ($0.10).

Descriptors: exceptional child services; physically handicapped; neurologically handicapped; cerebral palsy; family problems; financial support; residential care; social welfare; insurance programs; personal care homes; health insurance

Intended for parents planning for the needs of children with cerebral palsy, the pamphlet discusses starting to plan for the future, including evaluation, information sources, and follow through and followup. Also considered are where to live and what to do and how to pay for care (the following are mentioned: Social Security, disability benefits, aid to the permanently and totally disabled, veterans' benefits, insurance, and trusts). Means of providing protective supervision are reviewed as are the need for and function of a protective service and the importance of the parents' legal wills. Appended are a list of 42 references and definitions of 33 terms. (LE)

ABSTRACT 10565

EC 01 0565 ED 021 374
Publ. Date 67 115p.
Services for Children with Cerebral Palsy; A Guide for Public Health Personnel.
American Public Health Association, Inc., New York, New York, Program Area Committee On Child Health
Association For The Aid Of Crippled Children, New York, New York;
New York Fund For Children, New York
EDRS not available
N5503A64
American Public Health Association, Inc., 1740 Broadway, New York, New York 10019 ($3.00).

Descriptors: exceptional child services; physically handicapped; identification; program planning; incidence; clinical diagnosis; cerebral palsy; medical treatment; etiology; preventive medicine; medical evaluation; educational diagnosis; vocational education; community services; institutions; hospitals; homebound; medical services; clinics

Directed to persons in voluntary or official agencies and to planning groups whose decisions determine or affect the extent, coverage, content, and operation of community services to children who are handicapped by cerebral palsy, this guide has as its objectives to present background information on cerebral palsy as it affects the individual children, their families, and communities, to suggest policies, goals and methods of approach to the problem of cerebral palsy on both an individual and a community basis, and to outline practical ways of organizing services and community resources for the cerebral palsied. Basic concepts and facts about cerebral palsy, causes and preventions of the disease, casefinding, diagnosis, program planning, and methods of treatment and guidance are described. Special services and facilities at the community level and the organization of community resources are discussed. The need for program study and evaluation and the role of research are presented. The appendixes outline etiologic, medical, and educational classification of children with cerebral palsy, examine qualifications for professional personnel, and include an example of procedure in a diagnostic clinic session for children with cerebral palsy. (MC)

ABSTRACT 10588

EC 01 0588 ED 023 219
41p.
Alpha Chi Omega Toy Book.
Alpha Chi Omega Fraternity, Indianapolis, Indiana
EDRS mf,hc
Alpha Chi Omega National Headquarters, 3445 Washington Boulevard, Indianapolis, Indiana 46205.

Descriptors: exceptional child education; physically handicapped; self care skills; instructional materials; manipulative materials; cerebral palsy; children; toys; psychomotor skills; perceptual motor coordination; skill development; games; handicapped

Patterns and directions are given for making self-help toys for cerebral palsied and other handicapped children. The toys are designed to entertain and to develop muscle coordination and finger-elbow dexterity, teach self-help skills such as dressing, stimulate visual perception, encourage hand grasps and eye-hand coordination, motivate speech, and give dramatic play. Illustrations and directions are given for the construction of 38 toys; 10 additional toys and 11 kits for play activities are also suggested. (DF)

ABSTRACT 11537

EC 01 1537 ED 029 439
Publ. Date Jul 67 43p.
Making Facilities Accessible to the Physically Handicapped.
New York State University Construction Fund, Albany
Vocational Rehabilitation Administration (DHEW), Washington, D. C.
EDRS mf,hc
State University Construction Fund, 194 Washington Avenue, Albany, New York 12210.

Descriptors: exceptional child education; handicapped children; design needs; campus planning; college buildings; educational facilities; facility guidelines; dormitories; sanitary facilities; building design; physically handicapped; visually handicapped; aurally handicapped; parking facilities; fire protection; State University of New York

Guidelines on performance criteria for the State University of New York consider two main types of handicapped: the ambulant and semi-ambulant, including some physically handicapped, the visually and aurally handicapped, and persons with cardiac conditions; and persons confined to wheel chairs. The handicapped and planning for them are discussed. Specifications are detailed for the following aspects of exterior design: entrances, ramps, stairs, doors, walks, intersections, gratings and manholes, parking, and bus service. Interior design criteria cited are for general university facilities, restrooms, bedrooms, stairs, elevators, doors, conveniences, and fire protection. Persons involved in or contributing to the study are named, and 19 references are listed. (JD)

ABSTRACT 11576

EC 01 1576 ED N.A.
Publ. Date Oct 67 3p.
Irwin, Orvis C.; Korst, Joseph W.
Correlations Among Five Speech Tests and the WISC Verbal Scale.
EDRS not available
Cerebral Palsy Journal; V28 N5 P9-11 Sept-Oct 1967

Descriptors: exceptional child research; physically handicapped; speech handicapped; testing; cerebral palsy; intelligence tests; speech tests; correlation; verbal ability; Wechsler Intelligence Scale for Children

Five speech tests were administered to 130 cerebral palsied children, aged 6 through 16 years; the tests were of consonant articulation, sound discrimination, abstraction, vocabulary of use, and vocabulary of understanding. Most of the correlations between the tests, ranging from .08 to .67, were low, suggesting that the tests constituted relatively independent variables; and similar correlations were obtained for a supplementary sample of 40 cerebral palsied children. When the speech tests and the verbal scale of the Wechsler Intelligence Scale for Children (WISC) were administered to 28 cerebral palsied and 52 aphasic children of similar age range, scaled WISC scores correlated at .94 with raw scores on the test of Vocabulary of Understanding and from .09 to .49 with scores on the other four, thus suggesting that the tests measured different aspects of verbal performance in the speech handicapped. (RK)

ABSTRACT 11757

EC 01 1757 ED N.A.
Publ. Date Feb 67 6p.
Wildman, Peggy Riggs
A Parent Education Program for Parents of Cerebral Palsied Children.
EDRS not available
Cerebral Palsy Journal; V28 N1 P9-14 Jan-Feb 1967

Descriptors: exceptional child education; physically handicapped; mentally handicapped; cerebral palsy; course organization; community programs; parent education; etiology; child rearing; child development; behavior change; community services; school programs; recreation; adults; religion; discipline; psychological needs

A course outline for an education program for parents of cerebral palsied children includes nine units on causes and effects of cerebral palsy, emotional needs of the child, techniques of habit training, developmental stages of normal and mentally retarded children, discipline of the retarded, the school program, recreation and religion, facilities available within the community and adult needs and prospects for the cerebral palsied. Each unit suggests methods of presentation and questions for small group discussion, and also lists teaching aids and resource materials. The need for yearly evaluation of the program is noted. (GB)

ABSTRACT 11990

EC 01 1990 ED 031 022
Publ. Date 68 53p.
Yukor, Harold E. And Others
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; Design of a School for Physically Disabled Students.
Human Resources Center, Albertson, New York
Office Of Education (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; design needs; building design; architectural programing; architectural elements; doors; corridors; flooring; lighting; classroom design; chalkboards; equipment storage; science laboratories; library facilities; dining facilities; recreational facilities; swimming pools; sanitary facilities; parking areas

Elements of modified school design for the physically disabled are considered, including mobility, classrooms, science laboratories, applied skill areas, the library, the swimming pool, and sanitary facilities. Also discussed are the cafeteria (food service, seating, and other considerations), recreational areas (play grounds, gymnasium-auditorium, and auditorium), closets and storage areas (clothing storage, lockers, and supplies and equipment storage), and parking areas (parking lots and loading areas). (JD)

ABSTRACT 11992

EC 01 1992 ED 031 024
Publ. Date 69 80p.
Selected Papers from Professional Program Segments of United Cerebral Palsy's Annual Conference (Washington, D. C., March 6-8, 1969).
United Cerebral Palsy Association, New York, New York
EDRS mf,hc

Descriptors: exceptional child services; cerebral palsy; prevention; etiology; medical treatment; handicapped children; rubella; pregnancy; premature infants; mongolism; genetics; parent counseling; multiply handicapped; clinical diagnosis; injuries; lysergic acid diethylamide; financial support; medical research; agency role; educational change; prenatal influences

The proceedings include seven selected papers. In one, Brewster S. Miller reports on the 1968 activities of the Medical and Scientific Department of the United Cerebral Palsy Associations. In another, James J. Gallagher anticipates the next 20 years in special education for the handicapped. Also considered are the following topics: new directions for the next 20 years of research, by Sidney Farber; a blueprint for prevention, by William Berenberg; control of infections contributing to brain dysfunction, by Louis Z. Copper; more effective use of today's knowledge in better prenatal care, by Frederick C. Battaglia; and intrauterine diagnosis of fetal abnormality, by Henry L. Nadler. (JD)

ABSTRACT 20169

EC 02 0169 ED 031 837
Publ. Date 68 100p.
Selected Papers from Professional Program Segments of United Cerebral Palsy's Annual Conference (Houston, Texas, March 21-23, 1968).
United Cerebral Palsy Associations, Inc., New York, New York, Medical And Scientific Department
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; mentally handicapped; residential centers; architectural programing; institutional facilities; programed instruction; vocational rehabilitation; special services; employment programs; state legislation; program descriptions; federal programs; health services; research projects; cerebral palsy; volunteers; federal aid

Topics covered include the need for a change of attitude in the field of cerebral palsy, facilitation of special education programing through architecture, planning a residential center for the mentally retarded, the role of the architectural psychologists, the inferior condition of residential facilities for the severely handicapped, improved care and treatment in state institutions, programed instruction using TMI-Grollier materials, a program for employment opportunities, and vocational rehabilitation. Also presented are papers on the following subjects: the federal and state governments' role in services for the handicapped; the relationships between the United Cerebral Palsy Association and mental retardation programs, Children's Bureau programs, and the U.S. Office of Education; comprehensive health planning; and a report by the National Medical Department. (RD)

ABSTRACT 20171

EC 02 0171 ED 031 839
Publ. Date 69 116p.
Highlights of Service Programs. UCPA Affiliate Presentations at 1968 Regional Hearings.
United Cerebral Palsy Association, New York, New York, Medical And Scientific Department
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; state programs; cerebral palsy; medical consultants; program planning; inservice education; volunteer training; state legislation; tax support; community health services; agency role; preschool programs; dental clinics; clinical diagnosis; home programs; day care programs; residential care; prenatal influences; parent counseling; sheltered workshops

Focusing on community service programs for the cerebral palsied, organizational patterns considered are program implementation, a state advisory and evaluation board, a program committee, continuing staff education, staff training at state schools for the retarded, training sub-professional volunteers, state legislation, and finanical support. Various patterns of care are discussed and include a high risk mothers program, interdisciplinary clinics, rural satellite centers, the Rochester Rehabilitation Complex, agreement with the Visiting Nurses Association, the development of dental services, home service programs, day care programs, plans for a residential care facility, and a therapy program. Prevention and early care, infant, prenursery, and nursery programs, and services to parents of preschool children are presented as aspects of early care. Adult and teen programs described are the small business enterprises program, sheltered workshops, continuous care for the severely handicapped, a work activity center, and the evolution of an activities program. (RJ)

ABSTRACT 20180

EC 02 0180 ED 031 848
Publ. Date 69 86p.
Nemarich, Samuel P.; Velleman, Ruth A.
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons; Curriculum and Instructional Techniques for Physically Disabled Students. Human Resources Study Number 12.
Human Resources Center, Albertson, New York

Office Of Education (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; curriculum; teaching methods; flexible scheduling; grouping (instructional purposes); reading; preschool education; art; music; physical education; mathematics; sciences; language arts; social studies; business education; photography; theater arts; library instruction; home economics; health education; guidance; driver education

Designed to suggest solutions to problems of curricula and instructional techniques for physically disabled children, the text considers the nature of the child and discusses these aspects of curriculum and methods: definitions and objectives; teachers and administrators; time requirements and enrichment; grouping; reading instruction; testing, homework, and teacher's aides; automation; and classroom procedures. The following are also discussed: preschool education; language arts, art, music, physical education, math, and science in kindergarten; primary grades; langage arts, math, social studies, and science in upper elementary grades; English, social studies, math, science, business education, and art, photography, puppetry, music, library, physical education, health, home economics, and guidance in secondary education; and extra-curricular activities including field trips and driver education. A summary and implications for future curricular changes are presented. (RJ)

ABSTRACT 20216

EC 02 0216 ED N.A.
Publ. Date 65 369p.
Keats, Sidney
Cerebral Palsy.
EDRS not available
Charles C. Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($12.50).

Descriptors: exceptional child services; cerebral palsy; medical services; medical evaluation; medical treatment; etiology; interdisciplinary approach; multiply handicapped; rehabilitation programs; physical therapy; speech therapy; occupational therapy; preschool children; identification; self care skills; taxonomy; prostheses

Included in the text are the following discussions: the historical background and definition of cerebral palsy, incidence and etiology, applied anatomy and pathological findings, and classification and diagnosis. Methods of treatment presented are treatment goals and the team approach, orthopedic surgery, physical therapy, speech therapy, occupational therapy, bracing, drug therapy, the preschool orientation program, and the role of the coordinator-social worker. Associated handicaps which are considered include visual defects, seizures, hearing defects, sensory defects, and laterality; psychological evaluation is discussed. An appendix presents techniques for teaching dressing skills; references follow chapters. (LE)

ABSTRACT 20322

EC 02 0322 ED N.A.
Publ. Date 67 118p.
Services for Children with Heart Disease and Rheumatic Fever; A Guide for Public Health Personnel.
American Public Health Association, New York, New York, Committee On Child Health;
American Heart Association, New York, New York
EDRS not available
American Public Health Association, 1740 Broadway, New York, New York 10019.

Descriptors: exceptional child services; special health problems; cardiac (person); identification; community programs; preventive medicine; public health; community resources; special services; program evaluation; medical treatment; family counseling; family health; program planning; etiology

A general philosophy of services for children with special problems is discussed, and principles and practices on which community programs may be based are outlined. Discussed are facts about heart disease in childhood, the causes and prevention of handicapping heart conditions, case findings, diagnosis and planning for care, aspects of treatment and rehabilitation, special services and facilities available, organization of community resources, research in the field, and program evaluation. Appendixes include suggested drug schedules for streptococcal infections, forms of organic heart disease in children, Jones' criteria for diagnosing rheumatic fever, classification and reporting of cardiac conditions in children, and a list of 38 national, state and local agencies interested in community heart services for children. (LE)

ABSTRACT 20475

EC 02 0475 ED N.A.
Publ. Date 66 71p.
Lindsay, Zaidee
Art for Spastics.
EDRS not available
Taplinger Publishing Company, 29 East 10th Street, New York, New York 10003 ($4.95).

Descriptors: exceptional child education; physically handicapped; cerebral palsy; art; art activities; art expression; handicrafts; art materials; teaching methods; motor reactions; psychomotor skills

Plans for art projects which incorporate the careful selection of materials and the use of unorthodox tools are discussed. Each activity is designed to help improve muscular coordination and to provide creative outlets for the hemiplegic spastic child. Chapters give methods and helpful hints in developing projects in cutting into materials, drawing and painting pictures, modeling, space filling with various materials, space filling by printing, and fabric decorating. There are 42 photographs of art work by spastics. (WW)

ABSTRACT 20503

EC 02 0503 ED N.A.
Publ. Date Aug 69 21p.
Carson, Ruth
Asthma--How to Live with It.
Public Affairs Committee, Inc., New York, New York
EDRS not available
NPAP-437
Public Affairs Committee, 318 Park Avenue South, New York, New York 10016 ($0.25).

Descriptors: exceptional child services; asthma; allergy; special health problems; emotional development; parent role; medical evaluation; medical treatment; incidence; psychosomatic diseases; psychophysiology

The booklet summarizes currect knowledge about asthma and offers some guidance on the treatment and prevention of attacks. Also included are suggestions for positive action for parents of asthmatic children. Discussions deal with the nature of asthma, causes, detection of the cause, methods of treatment, psychological aspects in coping with the disease, the parental role, prevention, and a brief summary of results in research. (KN)

ABSTRACT 20829

EC 02 0829 ED 032 696
Publ. Date 69 67p.
Gordon, Ronnie
The Design of a Pre-School Learning Laboratory in a Rehabilitation Center.
Institute Of Rehabilitation Medicine, New York University, New York, Medical Center
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; classroom design; instructional materials; classroom furniture; offices (facilities); facility requirements; physical design needs; furniture design; special health problems; physical facilities; space utilization; preschool children; design needs; educational facilities

A developmental setting for multi-handicapped preschool children and the physical layout of the classroom are described. Photographs and drawings of specially designed educational equipment, such as a shallow sand and water table adapted for wheelchair-bound children and an adjustable easel that allows armless chjldren to paint with their feet, show the use of the materials and their design construction. Commentary is included which describes the function and purpose of each learning material along with the history of the school, its medical setting, and the educational philosophy of the program. (WW)

ABSTRACT 20939

EC 02 0939 ED 032 664
Publ. Date Jan 68 57p.
Housing for the Physically Impaired; a Guide for Planning and Design.
Department Of Housing And Urban Development, Washington, D. C., Housing Assistance Administration
EDRS mf
Superintendent Of Documents, U. S. Government Printing Office, Washington, D. C. 20402 ($0.45).

Descriptors: exceptional child services; physically handicapped; low rent housing; architectural programing; design needs; building design; federal aid; incidence; site selection; parking areas; landscaping; doors; corridors; sanitary facilities; equipment storage; food handling facilities; climate control; lighting; telephone communication systems; community rooms; safety equipment; older adults; United States Housing Act of 1937

Problems involved in providing homes for independent living for the physically handicapped, health impaired, or older adults are considered. Basic concepts of low rent housing preface a discussion of neighborhoods and site selection, access, ramps, pedestrian walks, parking, landscaping, and lighting. Guides for building design focus on entrances, corridors, stairs, elevators, incinerator chutes, laundry facilities, general storage, and mailboxes. Specifications are suggested for living units including the living room, kitchen, bedroom, bathroom, and storage area; the design of windows, doors, hallways, floors, lighting and heating units, and custodial quarters, and the provision of telephones, televisions, an emergency signal system, and hot water are also treated. Recommendations are made for the following community areas: lounge, recreation room, kitchen, craft area, library, health clinic, washrooms, public telephones, drinking fountains, vending machines, and other areas. A bibliography lists 41 references. (RJ)

ABSTRACT 21339

EC 02 1339 ED N.A.
Publ. Date Feb 70 159p.
Katz, Alfred H.
Hemophilia: A Study in Hope and Reality.

EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($9.00).

Descriptors: heredity; cardiovascular system; social characteristics; employment; vocational counseling; self concept; leisure time; blood circulation; medical treatment; special health problems; incidence; males; family relationship; national surveys; parent role; emotional adjustment; employment problems; Hemophilia

The social and psychological problems of hemophilia are the focus of the text on this hereditary, chronic disorder which affects some 60,000 persons in the following: medical aspects, personal and social characteristics of hemophiliacs, family involvement, education, employment, special conditions related to working or finding jobs, vocational counseling and placement, leisure time activities, self concept, and conclusions. (RJ)

ABSTRACT 21448

EC 02 1448 ED 034 327
Publ. Date Nov 67 106p.
Siller, Jerome And Others
Studies in Reaction to Disability. XII: Structure of Attitudes Toward the Physically Disabled; Disability Factor Scales--Amputation, Blindness, Cosmetic Conditions.
New York University, New York, School Of Education
Social And Rehabilitation Service (DHEW), Washington, D. C., Division Of Research And Demonstration Grants
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; attitudes; negative attitudes; amputees; blind; demography; factor analysis; attitude tests; stereotypes; test construction; internal scaling; item analysis

To describe and to develop instruments to measure attitudes toward amputees, the blind, and those with cosmetic conditions, three groups of subjects responded to one of three large pools of items tapping attitudes toward the three disability conditions. Three new groups of about 500 subjects of diverse demographic characteristics were given one of three revised and reduced questionnaires. The returns were factor analyzed and scales were derived from the resulting factors. The seven virtually identical factors which emerged from the amputation and blindness analysis were interaction strain, rejection of intimacy, generalized rejection, authoritarian virtuousness, inferred emotional consequences, distressed identification, and imputed functional limitations. The cosmetic conditions item set contained two factors which were identical (interaction strain, rejection of intimacy); two which were analogous (reluctant aversion and superficial empathy); and two unique dimensions (qualified aversion and proximate offensiveness). A review of related research and data on each item of the scales are included. (LE)

ABSTRACT 21469

EC 02 1469 ED 034 347
Publ. Date 28 Jul 69 144p.
Diller, Leonard And Others
Psychological and Educational Studies with Spina Bifida Children. Final Report.
New York University Medical Center, New York, Institute Of Rehabilitation Medicine
Office Of Education (DHEW), Washington, D. C., Bureau Of Education For The Handicapped
EDRS mf,hc
OEG-32-42-8145-5020
BR-5-0412

Descriptors: exceptional child research; physically handicapped; academic achievement; personality; intelligence; reading achievement; arithmetic; amputees; psycholinguistics; intelligence differences; individual characteristics; prostheses; social factors; student placement

To measure school achievements in spina bifida children, to relate these measures to certain variables, to obtain information on educational problems, and to study facets of cognition and its changes with age, 77 spina bifida children and 53 amputees (all aged 5 to 15) were tested. Sixty non-disabled children were at times used for controls. The findings indicated that children with spina bifida and hydrocephalus lagged behind other handicapped children in reading, arithmetic, psycholinguistic abilities, richness of interpersonal recall, and listing of occupations. The spina bifida hydrocephalic children showed better performance in verbal ability than in performance skills and tended to act socially deprived regardless of verbal intelligence. Non-hydrocephalic and amputee children seemed to show normal social awareness. Indications are that spin bifida children need earlier attention to avoid misplacement in academic levels and to help prevent cognitive and academic problems. Extensive appendixes and tables are provided. (Author/JM)

ABSTRACT 21493

EC 02 1493 ED 034 371
Publ. Date Aug 69 22p.
Love, Russel J.
Effects of Sensory Modality Stimulation on the Dysarthria of Cerebral Palsy.
Vanderbilt University, Nashville, Tennessee, Division Of Hearing And Speech Sciences
Office Of Education (DHEW), Washington, D. C., Bureau Of Education For The Handicapped
EDRS mf,hc
OEG-0-9-522043-2326(032)
BR-52-2043

Descriptors: exceptional child research; cerebral palsy; speech handicapped; speech therapy; speech improvement; aural stimuli; verbal stimuli; visual stimuli; speech tests; age differences; sex differences; articulation (speech); intelligence quotient; sensory; training

To explore the efficacy of improving the dysarthria of cerebral palsy under conditions of aural stimulation, visual stimulation, and combined aural-visual stimulation, 22 subjects (aged 7.6 to 19.0 years) received intensive stimulation for word imitation for 22 consecutive school days. The 87 words of the Irwin Inte-

grated Articulation Test were randomized and presented over a series of nine stimulations of four new words each day. The results were that combined aural-visual stimulation produced fewer errors than aural stimulation alone; errors from visual stimulation alone could not be meaningfully calculated. Words under aural-visual stimulation were rated as significantly improved from the third to the twentieth day but were still considered below average on the scale. The difficulty of sound production did not differentiate conditions analyzed according to manner or articulation or place of articulation. Voicing improved under aural-visual stimulation, but negligible correlations were obtained with sex differences, age, and IQ. Indications were that brief periods of cumulative imitation under aural-visual stimulation can bring about better motor control for articulation in cerebral palsy. Author/JM)

ABSTRACT 21679

EC 02 1679 ED N.A.
Publ. Date Jan 70 7p.
Cox, Ruth Wade; James, Mary Hamilton
Rescue from Limbo: Foster Home Placement for Hospitalized, Physically Disabled Children.
EDRS not available
Child Welfare; V49 N1 P21-8 Jan 1970

Descriptors: exceptional child services; physically handicapped; foster family; placement; welfare agencies; interagency coordination; hospitalized children; program descriptions; program coordination; nursing homes; social agencies; Rancho Los Amigos Hospital (Los Angeles)

The program at Rancho Los Amigos Hospital in Los Angeles providing foster home placement for hospitalized physically handicapped children is described. Included is information about the establishment of the program, recruitment of foster homes, and placement methods. Case examples of children are provided. The concept of organizational exchange between the hospital and the child welfare agency is explained. Procedures and their development are outlined as well as criteria for success and guidelines for planning foster home care. (MS)

ABSTRACT 21933

EC 02 1933 ED 036 912
Publ. Date Jun 69 79p.
Herron, Charles F And Others
A Compilation of Adapted Equipment for Physically Handicapped Children: Historical References and Implications for Utilization in Physical Education as a Component of Special Education.
Alabama University, University, Department Of Special Education
EDRS not available
Charles E. Herron, University Of Alabama, Department Of Special Education, University, Alabama 35486.

Descriptors: exceptional child education; physically handicapped; physical education; athletic equipment; incidence; instructional materials; adjustment (to environment)

The history of physical education, a philosophy of education, the need for a study of adapted equipment, and a definition of terms are presented. A selected review of the literature and the study methodology precede a list of equipment and apparatus. Drawings of 60 kinds of material are provided, some accompanied by dimensions, composition, and instructions for assembly. Conclusions are given concerning physical education equipment for the physically handicapped; references are cited. (RJ)

ABSTRACT 21962

EC 02 1962. ED 036 941
Publ. Date (69) 22p.
An Adaptive Playground for Physically Disabled Children with Perceptual Deficits; The Magruder Environmental Therapy Complex.
Orange County Board Of Public Instruction, Orlando, Florida
Office Of Education (DHEW), Washington, D. C., Bureau Of Elementary And Secondary Education
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; perceptual motor coordination; playgrounds; recreational facilities; preschool children; design needs; motor development; environmental criteria; physical facilities

Designed as a specialized play area for physically handicapped preschool children with perceptual deficits, the Magruder Environmental Therapy Complex (ETC) is described as a means to create an environment in which these children could function freely. Pictures are used to show children using the equipment and the architectural aspects of construction. A brief summary, the problem defined, the goal of ETC, the basic perceptual motor experiences of ETC, principle features of ETC and physical problems, testing plans designed to evaluate the effects of ETC, and early observations by teachers, therapists and aides indicating the benefits of the free, unstructured play area are detailed. (WW)

ABSTRACT 20051

EC 02 2051 ED N.A.
Publ. Date 69 327p.
Wolf, James M., Ed.
The Results of Treatment in Cerebral Palsy.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($20.50).

Descriptors: cerebral palsy; minimally brain injured; neurologically handicapped; evaluation techniques; diagnostic tests; clinical diagnosis; occupational therapy; physical therapy; motor development; Doman Delacato Method

A compilation of papers, the text presents research findings and theories concerning the measurement of treatment results. Three articles discuss historical background in cerebral palsy while four articles deal with evaluation methods. Nine studies of the results of treatment include the role of physical and occupational therapy, the Doman-Delacato Method, and early treatment. Developmental and assessment scales are described in eight papers which present several tests and evaluation instruments. (RJ)

ABSTRACT 22109

EC 02 2109 ED 023 143
Publ. Date Jun 68 143p.
Muthard, John E.; Hutchinson, Jack
Cerebral Palsied College Students, Their Education and Employment.
Florida University, Gainesville
Social And Rehabilitation Service (DHEW), Washington, D. C.;
United Cerebral Palsy Association, New York, New York
EDRS mf,hc
CPCS Study, United Cerebral Palsy Association, Inc., 66 East 34th Street, New York, New York 10016.

Descriptors: exceptional child research; cerebral palsy; college attendance; employment opportunities; physically handicapped; adjustment problems

Investigated were the problems of college students who have cerebral palsy, and the barriers which may confront them during post-college employment years. Investigated were situations encountered in college and the methods used to overcome difficulties, the student's evaluation of a college education, and the effect of educational experiences and personal characteristics on post-college employment. A group of young cerebral palsied college students provided the data, describing their post-college and employment experiences. The responses of these individuals were tabulated to secure normative data or permit comparisons with findings from other college student groups. Personal, educational, and vocational characteristics of these students were compared with those of nonimpaired students. Personal, educational, and vocational characteristics of those cerebral palsied students employed in jobs related to education were compared with those employed in jobs not related to education. The major findings and implications are discussed in terms of student characteristics, college problems, education and employment, and parental attitudes. The instruments used in this series of studies and tabulations of statistical findings are appended. (Author/IM)

ABSTRACT 22141

EC 02 2141 ED N.A.
Publ. Date Feb 69 248p.
Lukens, Kathleen; Panter, Carol
Thursday's Child Has Far to Go.
EDRS not available
Prentice-Hall, Inc., Publishers, Engelwood Cliffs, New Jersey 07632 ($5.95).

Descriptors: physically handicapped; special health problems; aphasia; diabetes; mongolism; family relationship; family attitudes

Written in narrative form, the text contains four studies of handicapped children and the problems they and their families must face. The conditions discussed are aphasia, diabetes, mongolism, and osteogenesis imperfecta congenita. Emphasis is placed on the process of adjustment. (JM)

ABSTRACT 22143

EC 02 2143 ED N.A.
Publ. Date 69 269p.
Peterson, Dwayne Douglas, Ed.
The Physically Handicapped: A Book of Readings.
EDRS not available
MSS Educational Publishing Company, Inc., 19 East 48th Street, New York, New York 10017.

Descriptors: physically handicapped; amputees; asthma; cerebral palsy; epilepsy; diabetes; special health problems; diseases

The text is a compilation of a number of readings designed to supplement the training of workers with the physically handicapped. Included are three articles on amputations and deformities, three on arthritis, four on asthma, four on cerebral palsy, one on cystic fibrosis, two on diabetes, and three on epilepsy. Other areas represented are two readings on the heart, two concerning hemophilia, two on leukemia, two dealing with multiple sclerosis, three on muscular dystrophy, three on spina bifida, and one on tuberculosis. Supporting articles are concerned with birth defects, the physically disabled and a minority status, teleteaching, congenital and acquired handicaps, the therapeutic role of the teacher, instructional organization, and the Apgar Test for neurological assessment of newborns. (JM)

ABSTRACT 22204

EC 02 2204 ED 037 856
Publ. Date 68 152p.
Sullivan, Richard A. And Others
Telephone Services for the Handicapped. Rehabilitation Monograph XXXVII.
New York University, New York, Medical Center
American Telephone And Telegraph, New York, New York
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; telephone communication systems; equipment utilization; audio equipment; sensory aids; equipment evaluation

A study by American Telephone and Telegraph investigated the use of standard Bell equipment in meeting the needs of the disabled for telephone service. Results revealed that all disabled persons who are able to communicate orally can initiate and terminate a call and carry on a conversation when the correct types of equipment are found, especially when push button dials are universally available or when an operator is available. The monograph presents information on the difficulties encountered in using the phone and on equipment found useful. Each phone, headset, or modification is described through words and by photographs; advantages and disadvantages are noted. Several factors influencing the choice of telephone equipment (answering in time, access, and family use) are considered. Evaluation of the patient and the equipment is discussed in regard to the amount of physical function present and the testing and matching of equipment for various disabilities. Choice of telephone, assistive devices, special services for summoning aid, use of the phone for home business, and coin phones for wheelchair users are also mentioned. (RJ)

ABSTRACT 22214

EC 02 2214 ED 037 866
Publ. Date 69 27p.
Fassler, Joan
Performance of Cerebral Palsied Children under Conditions of Reduced Auditory Input on Selected Intellectual, Cognitive and Perceptual Tasks.
Columbia University, New York, New York, Teachers College
Office Of Educaton (DHEW), Washington, D. C.
EDRS mf,hc
RR-6

Descriptors: exceptional child research; physically handicapped; cerebral palsy; task performance; aural stimuli; memory; learning characteristics; cognitive processes; motor reactions

The study investigated the task performance of cerebral palsied children under conditions of reduced auditory input and under normal auditory conditions. A non-cerebral palsied group was studied in a similar manner. Results indicated that cerebral palsied children showed some positive change in performance, under conditions of reduced auditory input, on a recall of missing picture test and an attention test and on certain parts of a learning test and digit span test. They showed no change in performance on visual-perceptual or perceptual-motor tasks. The non-cerebral palsied children showed no significant change in performance under conditions of reduced auditory input. However, since the difference scores of the non-cerebral palsied group did move in a positive direction, a comparison of the performance of the cerebral palsied and the non-cerebral palsied children did not show a statistical difference in the amount of positive change exhibited by the two groups. (Author)

ABSTRACT 22230

EC 02 2230 ED 037 882
Publ. Date 70 224p.
Finnie, Nancie R.
Handling the Young Cerebral Palsied Child at Home.
EDRS not available
E. P. Dutton And Company, Inc., 201 Park Avenue South, New York, New York 10003 ($6.95).

Descriptors: exceptional child services; cerebral palsy; parent education; physical development; child care; motor development; parent role; physical activities; physically handicapped

Written primarily for parents of cerebral palsied children, the text discusses and illustrates methods for handling the child in daily activities. Introduced with a questionnaire concerning developmental stages and activity levels, the manual describes the most common difficulties of the spastic, athetoid, ataxic, or flaccid child. Drawings and explanations included concern general advice, the development of movement, carrying, bathing, toilet training, dressing, feeding, transporting devices, sleeping, play, and linking play with everyday activities. Also provided are lists for additional reading, terminology, and suppliers of accessories and equipment. (JM)

ABSTRACT 22434

EC 02 2434 ED 034 385
Publ. Date 67 66p.
Yuker, Harold E., And Others
The Modification of Educational Equipment and Curriculum for Maximum Utilization by Physically Disabled Persons. Educational and School Equipment for Physically Disabled Students.
Human Resources Center, Albertson, New York
EDRS mf,hc
OEG-2644 HRS-9

Descriptors: exceptional child education; physically handicapped; audiovisual aids; auditoriums; crafts rooms; dining facilities; educational equipment; educational facilities; facility requirements; furniture; gymnasiums; library facilities; mobility aids; science facilities; study facilities; wheel chairs

Special education and school equipment for handicapped students, particularly for those in wheel chairs, are outlined with suggestions for increasing the quality and effectiveness of special education instruction. Guidelines are given for the provision of an adequate learning environment for handicapped students. Special furniture and equipment is discussed including tables and desks, bookcases and storage cabinets, chalkboards, audiovisual and communication aids, and mobility and postural equipment. Equipment needs in the different physical and functional areas within the school discussed included classrooms and laboratories, cafeterias, and recreational facilities. A reference list and appendix are provided. (TG)

ABSTRACT 22545

EC 02 2545 ED 038 815
Publ. Date Sep 69 40p.
Lynch, Henry T., Comp.
International Directory of Genetic Services. Second Edition.
EDRS not available
The National Foundation-March Of Dimes, 800 Second Avenue, New York, New York 10017.

Descriptors: medical services; genetics; directories; diseases; anomalies; counseling services; medical research

The directory lists medical genetic units in the United States and elsewhere in the world. The director and address of each unit are specified; types of genetic services available are indicated by code. (JD)

ABSTRACT 22893

EC 02 2893 ED 040 545
Publ. Date 68 84p.
Anderson, William
Teaching the Physically Handicapped to Swim.
EDRS not available
Transatlantic Arts, Inc., North Village Green, Levittown, New York 11756 ($3.75).

Descriptors: exceptional child education; physical education; swimming; physically handicapped; teaching methods; visually handicapped; aurally handicapped; cerebral palsy; swimming pools; physical education facilities; exercise (physiology); physical therapy

First principles of teaching swimming to the handicapped are reviewed; attention is given to children with cerebral palsy or muscular dystrophy, physical handicaps, blindness, and deafness. Swimming strokes, suggested exercises, group teaching, and a typical sequence of lessons and exercises are considered. Some case histories and a plan for a learners' pool are provided. (JD)

ABSTRACT 22896

EC 02 2896 ED 040 548
Publ. Date 69 124p.
Osofsky, Howard J.
The Pregnant Teen-Ager: A Medical, Educational, and Social Analysis.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($6.75).

Descriptors: unwed mothers; adolescents; social problems; educational problems; pregnancy; illegitimate births; medical evaluation; sex education; contraception

Concerned with teen-aged pregnancy, the text includes discussions of premarital pregnancy, the pregnant teen as a member of the poor, as nonwhite, and as a teen-ager, obstetrical concepts, pregnancy results, factors which influence medical prognosis, and solutions to minimize medical risk. Additional areas of concern are a research review and a review of the validity and bias of social services, hospitals and clinics, voluntary agencies and homes, the community itself, and the attitudes of the community. The emotional problems of the school system and exclusion from the system are described along with a review of the educational backgrounds of pregnant students, educational needs, and the Y-MED program. The problems of sex education and contraception availability and the results of insufficient instruction are examined as are the following concerns on abortion: laws, historical perspective, prohibitions, women's rights, and the punitive effects of legislation on the poor concerning abortion. (JM)

ABSTRACT 23043

EC 02 3043 ED N.A.
Publ. Date 52 172p.
Froeschels, Emil
Dysarthric Speech (Speech in Cerebral Palsy).
EDRS not available
Expression Company, Publishers, Magnolia, Massachusetts.

Descriptors: speech handicapped; neurological defects; neurological organization; etiology; cerebral palsy; speech therapy; articulation (speech); voice disorders; motor reactions; dysarthric speech

In order to make the book useful to both laymen and scientists, technical aspects of dysarthric speech have been simplified. Introductory chapters treat brain and central nervous system function, especially as related to speech function and development. The etiology and symptomatology of dysarthrias are covered; dysarthric speech is described, including separate functions involved in breathing, voice, articulation, sigmatism and rhinolalia. Subsequent chapters are devoted to therapy, which begins with voluntary muscle training, progresses to speech muscle training, and finally to speech training itself. A final chapter describes multiple handicaps, emphasizing cerebral palsy. (JB)

ABSTRACT 23514

EC 02 3514 ED N.A.
Publ. Date 68 161p.
Etter, Mildred Field
Exercise for the Prone Patient.
EDRS not available
Wayne State University Press, Detroit, Michigan 48202 ($3.25).

Descriptors: physically handicapped; occupational therapy; exercise (physiology); rehabilitation programs; physical therapy; equipment; muscular strength; physical activities

An exercise program for disabled patients who must lie in the prone position is discussed. Techniques and equipment providing active and free-moving treatment to enable patients to regain strength, range of motion, endurance, and function are described. Numerous photographs and drawings accompany the text. (MS)

ABSTRACT 23555

EC 02 3555 ED 042 288
Publ. Date Jan 69 100p.
Saylor, Louis F.
Residential Care Needs: A Report to the California State Legislature.
California State Department Of Public Health, Berkeley
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; residential care; state programs; health services; program proposals; California

A study of 115 mentally normal persons with severe physical handicaps indicated that existing service and living arrangement programs were inadequate. Results suggested the following: establishment of a coordinating state agency and local supervisory teams of nurses and social workers; arrangement of a variety of living accommodations, including temporary care for persons ordinarily living at home; and provision of funds for equipment and home modification. Further recommendations called for a health oriented community agency stressing preventive care, attendant care programs, and protectorship service. Also needed were flexible interpretation of regulations governing existing programs and case management, developing and utilizing the abilities and talents of the handicapped. (JD)

ABSTRACT 30042

EC 03 0042 ED 043 167
Publ. Date Nov 69 51p.
Combating Stigma Resulting from Deformity and Disease.
Leonard Wood Memorial For The Eradication Of Leprosy, New York, New York
EDRS mf,hc
Proceedings Of A Seminar (New York, New York, November 6, 1969).

Descriptors: physically handicapped; epilepsy; cerebral palsy; changing attitudes; public opinion; public relations; conference reports; leprosy

Summarized are the proceedings of a seminar concerned with methods of combating stigma resulting from facial disfigurement, epilepsy, cerebral palsy, and leprosy. The purpose was to determine how theories about stigma can help in the development of new methods of public education in order to change public attitudes and reduce social stigma. Discussed in four major sessions were: the nature and source of stigma (theory, extent, effects); social stigma from the agency viewpoint (public education and information methods of agencies); methods of communication and social stigma (role of mass media in transmitting stigma, and use of audiovisual media to reduce it); and recommended methods for combating stigma in the future. (KW)

ABSTRACT 30115

EC 03 0115 ED N.A.
Publ. Date 68 227p.
Rosenthal, Helen; Rosenthal, Joseph
Diabetic Care in Pictures.
EDRS not available
J. B. Lippincott Company, East Washington Square, Philadelphia, Pennsylvania 19105 ($6.50).

Descriptors: special health problems; diabetes; medical treatment; dietetics; hygiene

Addressed to the diabetic, the text explains diabetes, its treatment, and complications. Also considered are normal and diabetic diets, insulin, oral hypoglycemic agents, blood and urine tests, skin injuries and resulting infections, and personal hygiene, exercise, and special care of certain parts of the body. Personal and social factors are discussed; dietary information is appended. Illustrations appear throughout the text. (JD)

ABSTRACT 30284

EC 03 0284 ED N.A.
Publ. Date Sep 70 8p.
Richardson, Stephen A.
Age and Sex Differences in Values toward Physical Handicaps.
EDRS not available
Journal Of Health And Social Behavior; V11 N3 P207-14 Sep 1970

Descriptors: exceptional child research; physically handicapped; social attitudes; age differences; sex differences; majority attitudes

Pictures of a child with various physical handicaps were shown to children from kindergarten through high school and their parents to determine their values toward the disabilities. Results showed that the values changed with increasing age--at grade 12 the values of boys and girls resembled those of parents of the same sex. Older females conformed more to peer values than older males. From first grade on up, all subjects liked the non-handicapped child best (after third grade the average remained consistent at 59% for males and 71% for females). The least liked picture choice is less consistent by age and sex. In general, the obese child is least liked by both males and females. The child with a leg brace and crutches and the child in the wheelchair become more liked with increasing age of the subjects, while the child with the missing hand and the facially disfigured child become less liked. The primarily cosmetic handicaps (obesity and facial disfigurement) are less liked by girls than by boys. The functional handicaps (children on crutches and in the wheelchair and the amputee) are less liked by boys than by girls. Discussed are inferences concerning the mechanisms of the learning of values toward disabilities. (KW)

ABSTRACT 30358

EC 03 0358 ED N.A.
Publ. Date 68 672p.
Swinyard, Chester A., Ed.
Limb Development and Deformity: Problems of Evaluation and Rehabilitation.
EDRS not available
Charles C. Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($19.25).

Descriptors: exceptional child research; physically handicapped; anomalies; genetics; incidence; medical research; embryology; medical treatment; prostheses; emotional problems; limb deformities; thalidomide

Fifty-three authors have contributed articles related to limb deformities as a congenital malformation. Theoretical and practical concepts of genetic and environmental factors, and effects and treatment of limb deformities, are covered. Major divisions of articles discuss normal limb development, experimental embryogenesis, genetic and exogenous induction of limb deformities, and epidemiological studies. Also surveyed are biochemistry and metabolism as related to thalidomide, and morphological variations in thalidomide-related defects. Orthopedic and prosthetic considerations are enumerated, and psycho-social problems and parental counseling explored. Other articles deal with postnatal growth of the extremities and related surgical problems. Problems and progress in the development of an international terminology, and a bibliography on micromelia are appended. (KW)

ABSTRACT 30386

EC 03 0386 ED 043 981
Publ. Date 70 242p.
Klinger, Judith Lannefeld And Others
Mealtime Manual for the Aged and Handicapped.
EDRS not available
Essandess Special Editions, 630 Fifth Avenue, New York, New York 10020 ($2.00 PB, $5.95 HC).

Descriptors: older adults; physically handicapped; homemaking skills; cooking instruction; guidelines; homemaking education; consumer education; home management; rehabilitation; amputees; prostheses; handicapped; special health problems

Specific techniques to alleviate difficulties encountered in routine kitchen tasks are described for the elderly and the handicapped, particularly those persons with upper extremity weakness or amputees, arthritis, incoordination, wheelchair confinement, loss of sensation, and limited vision. Helpful information is provided in areas of kitchen planning and storage; the selection of small appliances and kitchen tools; hints on serving, cleaning up, shopping, nutrition and meal planning; and simplified measures with eating aids. Recipes and cooking instructions are provided for numerous main dishes, vegetables, salads, soups, sandwiches, beverages, and desserts. Lists of related references, service agencies, and sources for kitchen equipment and tools provide additional information. Photographs accompany the collection of helpful hints for the handicapped homemaker. (RD)

ABSTRACT 30424

EC 03 0424 ED 043 988
Publ. Date Feb 68 107p.
McGowan, John F.; Gust, Tim
Preparing Higher Education Facilities for Handicapped Students.
Missouri University, Columbia
Rehabilitation Services Administration (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; architectural barriers; building design; facility improvement; campus planning; student personnel services; college buildings; Missouri University

The report summarizes significant events since 1959 in the University of Missouri's program to modify its physical plant and educational facilities and to organize and expand its student personnel services to enable handicapped students to attend the University. Reviewed are the program plan, site and building modifications, student services, and the current status of the program and recommendations for the future. Appendixes include photographs of campus modifications, and building, facility, and bus specifications. (KW)

ABSTRACT 30623

EC 03 0623 ED 044 860
Publ. Date 69 51p.
Calovini, Gloria
The Principal Looks at Classes for the Physically Handicapped.
Illinois State Office Of The Superintendent Of Public Instruction, Springfield
EDRS mf
Council For Exceptional Children, 1411 South Jefferson Davis Highway, Suite 900, Arlington, Virginia 20202 ($1.50).

Descriptors: exceptional child education; physically handicapped; special health problems; special classes; administration; administrator role; services

The booklet is designed for the principal with little background in special education who is responsible for administering a class for the physically handicapped in his building, or must supervise home or hospital classes. Essential elements of specialized services are described. Covered are definitions of handicapping conditions and their implications, and discussions of educational programs (residential and day), placement (team responsibility, records), educational provisions (facilities, equipment, materials), ancillary services (speech correction, physical therapy, occupational therapy, transportation), and administrative responsibilities (scheduling, supervision). (KW)

ABSTRACT 30630

EC 03 0630 ED 044 865
Publ. Date 69 9p.
Withington, Lucile F.; Savino, Michael T.
Vocational Rehabilitation of the Severely Disabled in a University Setting.
California State Department Of Rehabilitation, Sacramento, Human Relations Agency
Social And Rehabilitation Service, (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; vocational rehabilitation; universities; rehabilitation programs; research projects; young adults; California

Reported is the progress of a 5-year project to provide vocational rehabilitation services to a group of quadriplegic, triplegic, and paraplegic clients in a university setting. consultation, occupational therapy, tutoring, and other services are provided in a special residential unit, for the purpose of allowing the clients to successfully compete in a university academic setting (University of California at Berkeley). Discussed are the program to develop the ability to live independently, academic goals and eligibility at the university, staff, and funds and financial expenses of the project. (KW)

ABSTRACT 30708

EC 03 0708 ED N.A.
Publ. Date 69 64p.
Cratty, Bryant J.
Developmental Games for Physically Handicapped Children.
EDRS not available
Peek Publications, 4067 Transport Street, Palo Alto, California 94303 ($1.50).

Descriptors: exceptional child education; physically handicapped; games; perceptual motor learning; story telling

Games and stories for the physically handicapped are provided. Sensory motor stories are presented for younger children and those who are severely handicapped. Swing ball games designed for children in wheelchairs and capable of some movement are described. String ball games are described for children who can throw objects. Also included are wheelchair games, combination games, and partner games (for one child in a wheelchair teamed with another child with leg braces or crutches). Appended is information on equipment needed. (MS)

ABSTRACT 30866

EC 03 0866 ED 044 879
Publ. Date 69 163p.
Symposium on Spina Bifida (Denver, Colorado, November, 1969).
Colorado University, Denver, Medical Center
Social And Rehabilitation Service (DHEW), Washington, D. C., Office Of Research, Demonstrations, And Training
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; special health problems; medical treatment; medical evaluation; conference reports; motor development; interdisciplinary approach; therapy; personal adjustment; Spina Bifida

The objectives of the symposium were to define the problems of the child with spina bifida and to present practical means of management, using a multidisciplinary team approach. Eight papers defining the problem cover the epidemiology of spina bifida, pathophysiology, musculoskeletal defects, incontinence of bladder and bowel, problems of function and of intellect, socio-economic problems, and the family. Six papers concern the following aspects of management: comprehensive management of the newborn, immediate repair, urologic management, management of hydrocephalus, mobility, and problem solving in management. Four papers discuss the older child in terms of educational programs, hip reconstruction, nursing, and adolescence. (KW)

ABSTRACT 31001

EC 03 1001 ED 044 891
Publ. Date Feb 70 229p.
Pate, John E.
The School Adjustment of Post-Meningitic Children. Final Report.
Vanderbilt University, Nashville, Tennessee
Office Of Education (DHEW), Washington, D. C., Bureau Of Education For The Handicapped
EDRS mf,hc
OEG-0-8-070644-1753
BR-7-0644

Descriptors: exceptional child research; special health problems; learning difficulties; personal adjustment; academic achievement; peer relationship; intelligence level; psychological characteristics; physical characteristics; meningitis

To study the school adjustment of children known to have had prolonged high fevers, 25 elementary school students who had had acute bacterial meningitis were matched by age, sex, and socioeconomic levels with peers from their same classroom. The nature and extent of school problems and educational handicaps of the post-meningitic children were examined through information obtained by the data gathering devices constructed for the study. Information gathered related to school adjustment, academic achievement, teacher and peer ratings, psychological test performance, speech and hearing assessment, and pediatric, psychiatric, and visual examinations (total of more than 1,000 different variables). The post-meningitic children performed significantly poorer than the controls on many school related behaviors (deficient on teacher ratings of overall school adjustment and academic problems, and in reading achievement, instructional receptivity, getting along with classmates, self-confidence, and gross as well as fine motor coordination). Appended are an extensive annotated bibliography of the sequelae of acute bacterial meningitis, data collection forms, print-outs of categorical raw data, and various tables of correlation and factor structure, and intercorrelations of factor scores. (KW)

ABSTRACT 31087

EC 03 1087 ED N.A.
Publ. Date 69 14p.
Guidebooks for Handicapped Travelers.
President's Committee On Employment Of The Handicapped, Washington, D. C., Women's Committee
EDRS not available
President's Committee On Employment Of The Handicapped, Washington, D. C. 20210.

Descriptors: physcally handicapped; urban environment; travel; directories; transportation; city problems; guidelines; guidebooks

Listed are addresses to which to write to obtain guidebooks of various cities to help the physically handicapped person tour that city and avoid architectural barriers which would further limit his mobility. (KW)

ABSTRACT 31117

EC 03 1117 ED N.A.
Publ. Date 70 203p.
Debuskey, Matthew, Ed.; Dombro, Robert H., Ed.
The Chronically Ill Child and His Family.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($11.50).

Descriptors: exceptional child services; special health problems; physicians; parent attitudes; homebound; emotional problems; childhood needs; family counseling; parent child relationship; medical treatment; family attitudes; pediatrics

Pointing out the growing need in medicine for orientation toward the care of the chronically ill child, rather than cure of the acutely ill child, the volume discusses comprehensive child care from the point of view of the physician, especially the pediatrician. Examined are factors within the child, the family, and to an extent, society, that play a role in the treatment of the chronically ill. The introductory chapter defines the role of the physician and states the need for orchestration of care to meet the physical (organic), emotional, intellectual, and socioeconomic needs of the child and family. Attention to the total needs of child and family is emphasized in chapters dealing with children having cystic fibrosis of the pancreas, cardiac problems, leukemia, nephrotic syndrome, speech and hearing problems in addition to a chronic illness, cerebral palsy, burns, and atopy, and chronically ill children in the hospital. Dealing with emotional reactions and attitudes of parents is stressed in each case and in several other chapters concerning handicapped and chronically ill children and society. (KW)

ABSTRACT 31233

EC 03 1233 ED N.A.
Publ. Date 70 174p.
Downer, Ann H.
Physical Therapy Procedures: Selected Techniques.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($7.95).

Descriptors: physical handicaps; physical therapy; physical therapists; guidelines; study guides; physicians; nursing; athletics

Designed for physical therapists (and their students), physicians, nurses, and athletic trainers, the manual outlines in detail a step-by-step procedure to be followed with selected techniques in physical therapy. Such techniques as superficial and deep heating, ultraviolet, electricity, cold, and traction, are considered. The final section considers such miscellaneous techniques as contrast baths, combined ultrasound and electrical stimulation, trigger point, hubbard tank, phonophoresis and others. (CD)

ABSTRACT 31234

EC 03 1234 ED N.A.
Publ. Date 70 185p.
Merrill, Toni
Party Packets: For Hospitals and Homes--Shortcuts for a Single Activity Worker.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($9.75).

Descriptors: recreation; hospitalized children; handicapped; handicapped children; games; physically handicapped; leisure time

Party games and indoor recreational activities are presented for use with hospitalized and handicapped persons. The specific games described include those appropriate for New Year's, Lincoln's Day, Valentine's, St. Patrick's Day, Easter, April Fools, birthdays, Halloween, Veteran's Day, Thanksgiving, and Christmas. Also provided are such activities as choral reading, play reading, adapted bingo, word games, detective hunts, table games, musical games, written quizzes, and athletic activities. The selection and adaptation of the activity in relation to the handicap or limitation of the participants are emphasized. (RD)

ABSTRACT 31277

EC 03 1277 ED 046 188
Publ. Date 70 49p.
Travel Barriers.
Department Of Transportation, Washington, D. C.
EDRS mf,hc

Descriptors: blind; physically handicapped; transportation; architectural barriers; guidelines; visually handicapped mobility; travel barriers

The report summarizes the findings of a research program concerning accessibility of public transportation, particularly for the physically handicapped. The handicapped are identified, travel by the chronically handicapped explored, and travel barriers discussed. Design and operating guidelines, selection and application of the guidelines and conclusions and recommendations are cited. (CD)

ABSTRACT 31282

EC 03 1282 ED N.A.
Publ. Date Feb 70 368p.
Smith, David W.
Recognizable Patterns of Human Malformation: Genetic, Embryologic, and Clinical Aspect .
EDRS not available
W. B. Saunders Company, West Washington Square, Philadelphia, Pennsylvania 19105 ($16.00).

Descriptors: exceptional child research; anomalies; genetics; reference books; physically handicapped

The text representing Volume 7 in a series on Major Problems in Clinical Pediatrics contains photographs and diagnostic commentary on approximately 150 congenital abnormalities. Broad categories of malformations include such conditions as chromosomal abnormality syndromes, joint dysplasia, muscular disorders, facial defects, hamartoses, ectodermal dysplasias, osteochondrodysplasias, osteopetroses, mucopolysaccharidoses, and individual anomalies as features of particular syndromes. Aspects of morphogenesis, genetics, and minor malformations as clues to more serious problems are presented. Related references are provided for each syndrome. (RD)

ABSTRACT 31290

EC 03 1290 ED N.A.
Publ. Date 70 337p.
Niedermeyer, E., Ed.
Modern Problems of Pharmacopsychiatry. Volume 4, Epilepsy: Recent Views on Theory, Diagnosis, and Therapy of Epilepsy.
EDRS not available
Albert J. Phiebig, Inc., P. O. Box 352, White Plains, New York 10602 ($20.90).

Descriptors: epilepsy; drug therapy; neurological defects; etiology; biochemistry; physiology; medical treatment; medical research; seizures

One of a series dealing with neuro-psychopharmacological subjects, the book contains 19 papers on facets of the theory, diagnosis, and therapy of epilepsy. The chemistry and electrophysiology of the abnormal cellular response, and pharmacological aspects of anti-convulsive therapy are especially emphasized. Covered are such topics as cellular pathophysiology, electro-encephalography, neuropathology of epilepsy, genetic factors, grand mal and petit mal epilepsy, seizure discharges, psychiatric aspects of temporal lobe epilepsy, withdrawal seizures following chronic sedative intoxication, role of alcohol in seizure production, principles of drug therapy, the benzodiazepines and other anticonvulsants, neurosurgical treatment, and rehabilitation and employability problems. (KW)

ABSTRACT 31416

EC 03 1416 ED N.A.
Publ. Date Jun 70 11p.
Motels with Wheelchair Units.
Paralyzed Veterans Of America, Washington, D. C.
EDRS not available
Paralyzed Veterans Of America, 3636 16th Street, N. W., Washington, D. C. 20010 ($0.25).

Descriptors: physically handicapped; wheel chairs; hotels; architectural barriers; national surveys; motels; wheelchair units

The document lists by state motels which have one or more wheelchair units built for the comfort and convenience of persons in wheelchairs. Information provided includes the name and address of the motel and the telephone number. (KW)

ABSTRACT 31429

EC 03 1429 ED N.A.
Publ. Date 69 75p.
Writing and Reading Aids for the Paralysed.
National Fund For Research Into Crippling Diseases, London, England
EDRS not available
Rehabilitation International, 219 East 44th Street, New York, New York 10017 ($1.40).

Descriptors: exceptional child services; physically handicapped; hospitalized children; resource guides; equipment; equipment utilization; habilitative aids; writing and reading aids

Writing and reading aids for the paralyzed (selected items from Equipment for the Disabled) are indexed. Descriptions of the equipment, including materials needed to make them and illustrations, accompany the listing. Details of prices and suppliers where applicable are given at the end of the book. (CD)

ABSTRACT 31481

EC 03 1481 ED N.A.
Publ. Date (70) 11p.
Driving.
EDRS not available
Handicaps, Incorporated, 4345 South Santa Fe Drive, P. O. Box 1337, Englewood, Colorado 80110.

Descriptors: physically handicapped; equipment; driver education; habilitative aids

Designed for the physically handicapped, the pamphlet illustrates and describes devices that can be installed in automobiles to enable the handicapped to drive. A listing of equipment combinations required for such disabilities as the paraplegic, quadriplegic (with no grasp, with some grasp), left or right leg inoperative, either hand amputated, is provided along with a price list. (CD)

ABSTRACT 31519

EC 03 1519 ED 046 439
Publ. Date 70 22p.
Sheltered Living Conditions.
Dutch Society For Rehabilitation, The Hague, Netherlands, Advisory Housing Committee
EDRS mf,hc

Descriptors: physically handicapped; housing; residential care; foreign countries; facility inventory; personal care homes; nursing homes; rehabilitation; admission criteria; older adults; housing opportunities; Netherlands; Dutch Society for Rehabilitation

Resulting from a study conducted by the Advisory Housing Committee of the Dutch Society for Rehabilitation, the report describes housing conditions and possibilities for the physically handicapped in the Netherlands. Four categories of sheltered living conditions are described and analyzed: residential centers, supervised residential centers, specialized residential centers, and nursing homes. For each of the conditions, services are discussed and a checklist is provided which indicates comparisons of admission criteria, social situations, daily activities, medical assistance available, and characteristics of patients most appropriate for each situation. An addendum to the study examines the concept of a multi-purpose residential center designed for the aged (married and single), single persons of all ages, and the physically handicapped. A floor plan of an apartment designed for a handicapped couple is provided. (RD)

ABSTRACT 31607

EC 03 1607 ED N.A.
Publ. Date Feb 71 7p.
Scherzer, Alfred L.; Gardner, G. Gail
Studies of the School Age Child with Meningomyelocele: I. Physical and Intellectual Development.
EDRS not available
Pediatrics; V47 N2 P424-30 Feb 1971

Descriptors: exceptional child research; special health problems; physical development; intellectual development; followup studies; meningomyelocele

Fourteen meningomyelocele survivors in the beginning school years underwent physical and neurological examinations; 13 had re-evaluation of renal, orthopedic, and neurosurgical status. General physical status was satisfactory. Six showed eye abnormalities; nine had hydrocephalus to some degree; eight required an ileal conduit; 11 are fully ambulatory. Use of a Degree of Impairment rating system indicated eight with mild to moderate and six with severe physical involvement. This rating scale may be of benefit in studying future management of older children with this defect. All children received psychological evaluation. Eight showed intelligence in the low to high average range. Three are mildly and three moderately retarded. The median IQ was 88. Social quotients paralleled IQ scores. IQ and SQ were not related to hydrocephalus, but correlated well with social class. Six patients are in regular school programs while eight attend special classes for physically and/or mentally handicapped. It is concluded that appropriate intervention can enable many children with meningomyelocele to develop satisfactorily and to have the intellectual capacity to master major cognitive and social tasks. (Author)

ABSTRACT 31628

EC 03 1628 ED N.A.
Publ. Date 69 288p.
Kamenetz, Herman L.
The Wheelchair Book.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($14.75).

Descriptors: physically handicapped; wheelchairs; equipment utilization; historical reviews; habilitative aids

The text focuses on wheelchairs and other indoor vehicles for the disabled. The types of chairs available, sizes, physiologic considerations, and selection and prescription are reviewed as is wheelchair operation and training. An historical background of the wheelchair is provided, and various other types of indoor vehicles (hoist, rolling bed, elevator) are discussed. Appendixes provide information on such things as associations of wheelchair users, employment, traveling with the wheelchair, manufacturers, and addresses of wheelchair representatives, dealers, and repair shops. (CD)

ABSTRACT 31632

EC 03 1632 ED N.A.
Publ. Date 70 398p.
Rathbone, Josephine L.; Lucas, Carol
Recreation in Total Rehabilitation.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($10.50).

Descriptors: handicapped; recreation; special health problems; rehabilitation; physical activities; hobbies; games; art; music; dance

The concrete suggestions in the textbook on recreation for the ill and handicapped are intended to be useful to institutional administrators, medical personnel, students, and all those providing or planning recreation for patients. The philosophy of recreation in rehabilitation, and general procedures in developing a broad recreation program are presented. Problems in institutions serving the ill and handicapped, such as hospitals, special schools, and rehabilitation centers, are pointed out. Following this general orientation to the subject, Part 2 concentrates upon the needs of various patients and the medical indications for recreational activities. Attention is given to the following categories of illness or handicap as related to recreation: acute illness, convalescence, and chronic disease; motor or physical disabilities; impaired vision, hearing, and speech; mental divergence and asocial behavior; and psychopathology (reactions to stress, classification and causes for psychopathic reactions, and psychological needs which recreation may satisfy). Part 3, covering media for recreation, details how various types of recreation can be applicable for the ill and handicapped. Examined are music, the graphic and plastic arts, crafts, hobbies, literature and the theater, games and sports, dancing, and special events and parties. (KW)

ABSTRACT 31702

EC 03 1702 ED N.A.
Publ. Date 70 250p.
Kessler, Henry H.
Disability: Determination and Evaluation.
EDRS not available
Lea And Febiger, 600 South Washington Square, Philadelphia, Pennsylvania 19106 ($9.75).

Descriptors: physically handicapped; medical evaluation; financial support; guidelines; handicap detection; evaluation criteria; workmans compensation; health insurance; disability benefits

The concept of disability is reviewed, and its semantic, economic, and physiological meanings discussed. The book is intended to be of assistance to physicians, attorneys, insurance companies, judicial agencies, and industrial administrators--persons required to make decisions on disability resulting from accidents in regard to the determination and evaluation of compensations, pensions, and other benefits. Practical assessment criteria are presented to provide a rational basis for determining an equitable scale of financial and social justice for the disabled. Attention is given to medical and nonmedical criteria; medical rating of physical impairment; evaluation of impairment of the upper extremity, lower extremity, and of impairments other than those of the extremities; workman's compensation; disability benefits of social security programs; and veterans' pensions. (KW)

ABSTRACT 31784

EC 03 1784 ED 048 680
Publ. Date Jan 71 197p.
Deschin, Celia S.; Nash, Marygold V.
Children Together: The Effect of Integrated Group Experiences on Orthopedically Handicapped Children.
New York Service for the Handicapped, New York
National Institute of Mental Health (DHEW), Bethesda, Maryland
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; mental health; recreational programs; group relations; peer relationship; self concept

To study the effect on physically handicapped children's mental health of organized group activities in community centers and settlements, 230 children partici-

pated in a 2 year demonstration project. Mental health was defined as the child's social functioning in home and school and as reflected in the child's self image; and it was hypothesized that the mental health of mildly physically handicapped children improved through recreational activities with their nonhandicapped peers. It was also speculated that no special or additional staff would be needed. Data was obtained through interviews with the children, families, teachers, group leaders, and placement counselors. Researchers felt that, after comparing factors concerning the families, the school and the children's self evaluations, the children showed improvement attributed to associating with their nonhandicapped peers. The second hypothesis concerning staffing was not confirmed. Recommendations for community centers, schools, and adult education to benefit the mental health of physically handicapped children were made. (CD)

ABSTRACT 31848

EC 03 1848 ED N.A.
Publ. Date Feb 71 343p.
Mann, Joe, Ed.; Henderson, Jim, Ed.
Catalog of Audiovisual Materials Related to Rehabilitation.
Auburn University, Alabama, Materials and Information Center
EDRS not available
Materials and Information Center, Alabama Rehabilitation Media Service, Auburn University, Auburn, Alabama 36830.

Descriptors: instructional media; audiovisual aids; resource guides; rehabilitation; special health problems; films; transparencies; filmstrips; video tape recordings; tape recordings

A catalog of audiovisual materials related to rehabilitation is featured. The materials are classified by subject area and include such topics as adjustment (job readiness, personal, social, and work), adolescence, aging, alcoholism, architectural barriers, career information, cerebral palsy, disadvantaged, drug addiction, employment (placement of the handicapped), epilepsy, hearing defects, mental illness, mental retardation, rehabilitation (facilities, programs, and services), and vocational training and evaluation. (CD)

ABSTRACT 31885

EC 03 1885 ED N.A.
Publ. Date 70 93p.
Kemp, Robert
Understanding Epilepsy.
EDRS not available
Barnes and Noble, Inc., 105 Fifth Avenue, New York, New York 10003 ($2.50).

Descriptors: special health problems; epilepsy; personal adjustment; parent education

Written for the epileptic and his family, the text presents information of a simple practical nature concerning the illness and its management. Chapters on characteristics of epilepsy, etiology, seizures and convulsions in childhood, drug and surgical treatment, general management, the relationships of drinking and driving to epilepsy, the hereditary factor, marriage and the family, employment concerns, and the community are included. (CD)

ABSTRACT 31892

EC 03 1892 ED N.A.
Publ. Date 71 93p.
The Easter Seal Directory of Resident Camps for Persons with Special Health Needs.
National Easter Seal Society for Crippled Children And Adults, Chicago, Illinois
EDRS mf,hc
National Easter Seal Society for Crippled Children And Adults, 2023 West Ogden Avenue, Chicago, Illinois 60612 ($1.00).

Descriptors: exceptional child services; handicapped children; camping; directories; recreation; special health problems; outdoor education; residential programs; summer programs; National Easter Seal Society for Crippled Children and Adults

The directory of resident camps is designed for persons with special health needs (children and adults with physical, mental, social, or emotional handicaps). Published by the National Easter Seal Society for Crippled Children and Adults, the listing contains residential facilities only (day care camp program information is not included). Listed by state, the information includes the name of the camp, location, handicap eligibility, age range and capacity, nature of sessions, camperships available, sponsor, and descriptions of various services. (CD)

ABSTRACT 32007

EC 03 2007 ED N.A.
Publ. Date 69 568p.
Karelitz, Samuel
When Your Child Is Ill: A Guide to Infectious Diseases in Childhood.
EDRS not available
Random House, 201 East 50th Street, New York, New York 10023 ($7.95).

Descriptors: special health problems; infectious diseases; parent education; medical evaluation; health education; clinical diagnosis; prevention; medical treatment; pediatrics

The guide to infectious diseases in childhood is written to serve as a guide alerting laymen, particularly parents, to conditions necessitating medical attention. Essential facts, important symptoms for identification, methods of treatment, and means of prevention of the most common infections, both serious and not-so-serious, are presented. The purpose is not to inform parents how to treat their children, but rather to indicate what signs and symptoms constitute danger signals meriting medical consultation. Following an extensive general discussion of causes, symptoms, and prevention, which covers the major topics of allergy, viruses, fever, wonder drugs, immunization, and hygiene, specific diseases in the following categories are examined: common childhood diseases, respiratory diseases and related conditions, diseases of the nervous system, intestinal diseases, diseases of the mouth and eyes, skin diseases, and venereal diseases. Chapters terminate with commonly asked questions and their answers. (KW)

ABSTRACT 32026

EC 03 2026 ED N.A.
Publ. Date 71 606p.
Noland, Robert L., Comp.
Counseling Parents of the Ill and the Handicapped.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($15.75).

Descriptors: exceptional child services; handicapped children; parent counseling; counseling; family counseling; counselor role; special health problems; genetics; physicians; pediatrics

Compiled to serve as a source of information, insights, and techniques for students and professionals in medical, counseling, and related fields, the volume contains 55 articles pertaining to the counseling of parents of handicapped and ill children. The first of seven major sections includes seven introductory articles intended as an orientation to the areas of parent-child-therapist interaction and implications of disability. The next five sections focus on the counseling of parents of the following types of children: mentally retarded; epileptic and cerebral palsied; speech, hearing, and visually handicapped; cardiac, diabetic, hemophilic, and asthmatic; and children with severe or terminal illnesses. The final section deals with genetic counseling and its use with parents of children with genetically based handicaps. In each section articles discuss such topics as the role of the physician, parent-child and family relationships, individual and group counseling of parents, specific counseling techniques, and other related aspects. (KW)

ABSTRACT 32228

EC 03 2228 ED 050 514
Publ. Date Jun 70 82p.
Deschin, Celia S.
They Can Communicate: Self-Image Evaluation.
New York Service for the Handicapped, New York
EDRS mf,hc

Descriptors: exceptional child research; physically handicapped; self concept; test construction; demonstration projects; test validity; test evaluation; measurement techniques; social work; New York; Self-Image Evaluation

As part of a 2 year demonstration project to evaluate the effect on the mental health of physically handicapped children placed in organized group activities with their nonhandicapped peers, two research instruments were used. The monograph discusses one of the instruments, the Self-Image Evaluation. A synopsis of the project is provided; and a brief history of the Self-Image Evaluation is included. Use of the testing tool with handicapped and nonhandicapped children, children in foster home care, and in the children's integration study is reported. Illustrations of the use of the testing device taken from the demonstration project are also included. The test's applicability to social work practice, such as to show that children can communicate indirectly through no response to questions that are disturbing, and to suggest that it is important that what the child reveals through the test be obtained before too much credence be attached to the parent's presentation of the child's problem, is made. The second research technique, the Comprehensive Family Rating technique, is discussed in EC 032 299. A detailed presentation of the entire demonstration project is found in EC 032 330. (CD)

ABSTRACT 32229

EC 03 2229 ED 050 515
Publ. Date 70 38p.
Deschin, Celia S.
Families in Trouble: A Comprehensive Family Rating Technique.
New York Service for the Handicapped, New York
EDRS mf,hc
Descriptors: exceptional child research; physically handicapped; family (sociological unit); behavior rating scales; demonstration projects; family influence; test construction; social work; test evaluation; family problems; New York; Comprehensive Family Rating

As part of a demonstration project to determine the effect on the mental health of physically handicapped children of integration with their nonhandicapped peers, two research instruments were developed. The monograph discusses one of the testing devices, the Comprehensive Family Rating. After a brief summary of the project, a description of the intrument, which examines the child's handicap and its effect on the household, parental attitude and parental handling, is given. Scoring for the three components of the test and utilization of the technique, using illustrations from the project, are also described. It is the author's opinion that the technique could help to clarify parental inability in child rearing by strengthening the social worker's sensitivity, insights, and skills through lessening the need for generalized value judgments. Other documents related to the project include EC 032 228 which discusses the Self Image Evaluation, and EC 032 230 which is the final comprehensive report on the project. (CD)

ABSTRACT 32328

EC 03 2328 ED N.A.
Publ. Date Jun 71 15p.
Horstmann, Dorothy M.
Rubella: The Challenge of Its Control.
EDRS not available
Journal of Infectious Diseases; V123 N6 P640-54 Jun 1971

Descriptors: special health problems; rubella; infectious diseases; disease control; prevention; incidence; preventive medicine; medical research

The paper presents research findings and statistical information related to rubella, the behavior of the virus in individuals and in population groups and the problems involved in the prevention of congenital rubella. Epidemiologic features of rubella are presented in graph form and discussed. The recent development of rubella vaccines is summarized, and the nature of the rubella virus examined. The variety of antibody responses to natural rubella are described and compared to antibody responses to attenuated vaccine strains. Antibody persistence and reinfection after natural rubella are also reviewed. The concept of herd immunity, or protecting the individual by achieving a high rate of immunity in the general population, is commented upon, as are some additional possibilities for the control of rubella. (KW)

ABSTRACT 32345

EC 03 2345 ED N.A.
Publ. Date Apr 71 9p.
Lewis, Ruth
Survey of the Intelligence of Cleft-Lip and Cleft-Palate Children in Ontario.
EDRS not available
British Journal of Disorders of Communication; V6 N1 P17-25 Apr 1971

Descriptors: exceptional child research; physically handicapped; cleft lip; cleft palate; anomalies; intelligence tests; environmental influences; followup studies; surveys; Canada

To assess the IQ's of children with cleft lip and cleft palate and determine the relationship of these IQ's with other variables such as associated congenital anomalies and hearing loss, 548 cleft lip and cleft palate children (4 to 16 years) from Ontario, Canada were examined. It was noted that the mean IQ for the children was six points lower than the theoretical mean of 100. The difference in the mean IQ for cases with associated congenital anomalies as compared to cases without anomalies was considered statistically significant (at the one percent level). A control study was felt to show that the anomaly itself had a more significant bearing on the difference in the mean IQ's than did the type of family. A followup study of 50 cases selected on the basis of successful therapy was felt to show an upgrading in IQ (significant at the one percent level). It was concluded that multiple causes may account for the difference in intelligence of the cleft palate population and the general population; and that environmental factors may change IQ ratings. (CD)

ABSTRACT 32376

EC 03 2376 ED 050 533
Publ. Date 70 28p.
Wieder, Daniel; Hicks, John
Evaluation of an Early Intervention Program for Neurologically Impaired Children and Their Families.
United Cerebral Palsy of Queens, Inc., Jamaica, New York
Association for the Aid of Crippled Children, New York, New York
EDRS mf,hc

Descriptors: exceptional child research; neurologically handicapped; cerebral palsy; parent counseling; program evaluation; intervention; child development; parent attitudes; counseling effectiveness; emotional adjustment

The final project report evaluates services to young infants and their parents in an early intervention program for neurologically handicapped (cerebral palsied) children. Following a general report of the 1969-70 activities, evidence from evaluation research in three areas is presented. Studied were the effects of group therapy on the parents of infants, the effects of the program on the emotional adjustment of the parents and their attitudes toward raising children, and effects of the program on the physical, social-emotional, and intellectual development of the 23 children, ages 9-44 months, who participated in the intervention program two mornings per week. Evidence suggested that in general the parents became less apprehensive and more self-assured in their reactions. Adjustment to the crippled child appeared to be more difficult for the mother than the father, and mothers had more need of counseling services. The program was more successful in affecting the adjustment and attitudes of mothers than fathers. Positive shifts were recorded in mothers' attitudes toward the child's disability and toward themselves. Pre- and posttesting with the Children's Developmental Schedule, and experimental rating scale, showed significant growth in the areas of physical, social and emotional, and intellectual growth in one of the two groups of children. (KW)

ABSTRACT 32423

EC 03 2423 ED 050 538
Publ. Date Nov 70 30p.
Savino, Michael T.; Belchick, Gerald D.
Vocational Rehabilitation of the Severely Disabled in a University Setting. Second Year Report.
California State Department of Rehabilitation, Sacramento
Social and Rehabilitation Service (DHEW), Washington, D. C.
EDRS mf,hc

Descriptors: exceptional child services; physically handicapped; rehabilitation programs; vocational rehabilitation; universities; young adults; California

Reported is the progress of a vocational rehabilitation program for severely disabled students at the University of California, Berkeley. The Cowell Hospital Project provides housing and special assistance for quadriplegics with an especially favorable academic prognosis. The report summarizes the project's funding, type of clients, admission procedures, assistance provided to handle the activities of daily living, medical management, rehabilitation counseling services, costs, and future. It is noted that the academic and vocational achievement of clients is above that of the average university student and/or rehabilitation client. Appended information includes a table of client characteristics, case cost estimates, reprints of news articles on the project, the Cowell Residence Program admission procedure and a student questionnaire, evaluative comments and recommendations by project participants, and brief case summaries of the 18 clients currently served by the project. (See ED 044 865/EC 030 630 for a previous report on this project.) (KW)

ABSTRACT 32476

EC 03 2476 ED N.A.
Publ. Date 70 155p.
Robertson, James
Young Children in Hospital.
EDRS not available
Barnes and Noble, Inc., 105 Fifth Avenue, New York, New York 10003 ($5.25 HC, $2.50 PB).

Descriptors: exceptional child services; physically handicapped; hospitalized children; emotional problems; mothers; parent child relationship; child care; administrative policy; hospitals; Great Britain; pediatrics

Possible detrimental effects of the loss of maternal care during the first 4 years of life upon the development of the total personality are pointed out, and implications for the non-medical aspects of child care in hospitals necessary to protect the emotional development of young children are indicated. Two main mental health dangers for the hospitalized child are examined: the traumatic, in which the shock of separation from the mother and other stresses may result in a temporary or permanent degree of disequilibrium, and the deprivational, in which lengthy deprivation of mothering may result in personality impoverishment. Summary accounts of three child patients illustrate aspects of these dangers. Implications for hospital practice (visiting, systems of nursing, long-stay wards, hospital procedures, and professional training) are outlined. Admission of the mother with the child, or unrestricted visiting, is recommended. A lengthy postscript reviews recent achievements in hospital child care in Great Britain and recommends areas for further action and research. (KW)

ABSTRACT 32512

EC 03 2512 ED N.A.
Publ. Date 71 197p.
A Curriculum Guide for Teachers of Handicapped Preschoolers.
Easter Seal Society for Crippled Children and Adults Of Allegheny County, Pennsylvania
EDRS not available
Easter Seal Society for Crippled Children and Adults Of Allegheny County, 14 Wood Street, Pittsburgh, Pennsylvania 15222.

Descriptors: exceptional child education; physically handicapped; neurologically handicapped; early childhood education; curriculum guides; preschool children

Presented is a curriculum guide for teachers in the Easter Seal Preschool Program for physically handicapped and or neurologically impaired children, which has as its goal preparing such children to approach formal schooling with higher degrees of personal and social adjustment and more positive attitudes toward their abilities and disabilities. Procedural guidelines for social and emotional, physical, language and speech, and intellectual development are stated. Outlined are suggested class management techniques or provisions. A developmental sequence of academic skills is presented, followed by unit core experiences which organize and sequence identified skill and concept learning experiences. Twelve specific units are detailed, including objectives, activities, songs, creative art experiences, and suggested materials and techniques. (KW)

ABSTRACT 32557

EC 03 2557 ED N.A.
Publ. Date 71 795p.
Lightwood, Reginald and Others
Patterson's Sick Children.
EDRS not available
J. B. Lippincott Company, East Washington Square, Philadelphia, Pennsylvania 19105 ($19.50).

Descriptors: special health problems; diseases; medical evaluation; medical treatment; textbooks; handicapped children; pediatrics

The ninth edition of the text on sick children, the book presents a balanced account of current knowledge of pediatrics. The text is intended not as a complete reference text on pediatrics, but as a working manual for medical students, postgraduate students in pediatric training, and physicians in practice. In addition to chapters on history taking and physical examination, heredity and genetics, developmental pediatrics, fetal development, perinatal adaptation, neonatology, feeding and nutrition, and services and legislation for children, all of the major disorders and diseases of childhood are examined. Each is discussed in terms of etiology, clinical features, diagnosis, prognosis, and medical treatment. (KW)

ABSTRACT 32567

EC 03 2567 ED N.A.
Publ. Date 71 102p.
Pringle, M. L. Kellmer; Fiddes, D. O.
The Challenge of Thalidomide.
EDRS not available
Humanities Press, Inc., 303 Park Avenue South, New York, New York 10010 ($3.00).

Descriptors: exceptional child research; physically handicapped; educational needs; academic achievement; intellectual development; emotional adjustment; social adjustment; thalidomide children

Reported is a study of 80 children in Scotland affected by thalidomide, conducted to explore their present as well as likely future educational needs. Ten different tests and assessment measures, supplemented by child and parent interviews were administered, covering various aspects of intellectual development and social and emotional adjustment at school and at home. Reported are findings for the whole group related to range, degree, and type of defects, intellectual and language development, educational attainment, social and emotional adjustment, home background and parental attitudes, achievement in relation to physical impairment and environmental circumstances, and present schooling in relation to scholastic achievement. Findings for various sub-groups, representing various degrees of handicap or intelligence or other factors, are also detailed. Six case studies are presented. In general, the subjects were found to closely resemble the general child population in intellectual ability, level of educational achievement and emotional adjustment. Only about one third of them required special schooling. Recommendations for present and future educational provisions are made. (KW)

ABSTRACT 32580

EC 03 2580 ED 051 609
Publ. Date 71 165p.
Education of the Physically Handicapped.
New York City Board of Education, Brooklyn, New York, Bureau of Curriculum Development
EDRS mf,hc
Board of Education of the City of New York, Publications Sales Office, 110 Livingston Street, Brooklyn, New York 11201 ($2.50).

Descriptors: exceptional child education; physically handicapped; educational programs; program descriptions; home instruction; neurologically handicapped; administrative organization; curriculum; counseling; New York

Described are the philosophy, organization, and curriculum of programs func-

tioning under the Bureau for the Education of the Physically Handicapped (BEPH), which administers educational programs for approximately 10,000 physically handicapped children in New York City. Following an explanation of the general principles guiding the development of programs, an overview of programs offered by BEPH is given and admission and transfer procedures clarified. Examined in greater detail are the health conservation classes, focusing upon classes for the severely orthopedically handicapped and brain-injured. Such aspects as screening, physical plant, curriculum and activities, materials, and services are summarized. Also detailed is the home instruction program. Following a general discussion of topics basic to curriculum planning for the physically handicapped, curriculum adaptations for specific subject areas are presented. Objectives, services, and roles of parent, teacher, and school in the guidance program are reviewed. Final chapters define some common physical disabilities, examine trends in regular and special education, and outline innovations especially relevant to education of the physically handicapped in New York City. (KW)

ABSTRACT 32581

EC 03 2581 ED N.A.
Publ. Date 70 8p.
Sattler, Jerome M.; Tozier, Leonard L.
A Review of Intelligence Test Modifications Used with Cerebral Palsied and Other Handicapped Groups.
EDRS not available
Journal of Special Education; V4 N4 P391-8 Fall-Win 1970

Descriptors: exceptional child research; handicapped children; cerebral palsy; intelligence tests; intelligence quotient; test reliability; testing problems; research reviews (publications)

The review considers problems and research findings associated with the administration of intelligence tests in a modified manner to handicapped persons, particularly the cerebral palsied. It is reported that seven studies showed nonsignificant differences in scores between modified tests and tests administered using standard procedures, although few studies compare handicapped and non-handicapped groups. Also reviewed is research on the reliability and validity of IQ scores for cerebral palsied children. It is concluded that, despite some controversy, such IQ scores do have a satisfactory degree of reliability. (KW)

ABSTRACT 32616

EC 03 2616 ED 051 616
Publ. Date 69 66p.
Outland, Richard W.; Gore, Beatrice E.
Home and Hospital Instruction in California.
California State Department of Education, Sacramento, Division of Special Education
EDRS mf,hc

Descriptors: exceptional child education; physically handicapped; home instruction; homebound; hospitalized children; state programs; educational programs; administrative policy; teacher role; California

Written in question and answer format, the bulletin contains answers to the most frequently asked questions regarding the California Program for Homebound and Hospitalized Children. Considered individually are the administration, the objectives and procedures of the instructional program, and the personnel roles and procedures involved in both home instruction and hospital instruction for children who are homebound or hospitalized for long periods due either to physical handicaps or prolonged illness. Attention is also given to the teleclass program, in which special telephone equipment enables homebound students to hear teachers and fellow classmates, participate in class discussions, and receive instructions as if in the classroom. Questions concerning eligibility, equipment, cost, teacher role, and legal provisions for teleclasses are answered. (KW)

ABSTRACT 32628

EC 03 2628 ED N.A.
Publ. Date 71 96p.
Scouting for the Physically Handicapped.
Boy Scouts of America, North Brunswick, New Jersey
EDRS not available
Boy Scouts of America, North Brunswick, New Jersey 08902 ($1.50).

Descriptors: physically handicapped; hobbies; recreational programs; physical activities; males; scouting

Designed to assist Scout leaders working with physically handicapped boys, the booklet offers ideas for program content and for aiding the handicapped boys in Boy Scout advancement. How Scouting can help handicapped boys physically and emotionally, and what the Scout leader should know about a boy's handicap are discussed. Suggestions are made for leading an all-handicapped unit and for leading a nonhandicapped unit containing one or two handicapped boys. Suggestions concern program planning, level of activity, help from parents, how to deal with physical activities and sports, and how to help handicapped boys meet the advancement requirements in Scouting. Information on equipment and appliances often used by the physically handicapped is given, and some of the common physical disabilities which the Scout leader may encounter are described. (KW)

ABSTRACT 32654

EC 03 2654 ED N.A.
Publ. Date 71 214p.
Mitl, Mohinder A.; Pierce, Donald S.
Amputees and Their Prostheses.
EDRS not available
Little, Brown and Company, 34 Beacon Street, Boston, Massachusetts 02106 ($13.50).

Descriptors: physically handicapped; amputees; prostheses; rehabilitation; medical treatment; social adjustment; Massachusetts

The subject of amputations and prosthetics is viewed as a whole, starting with the causes of amputations and following through to the return of the patient to society. A multidisciplinary team approach to the rehabilitation (as practiced by the Amputee Services at Massachusetts General Hospital is stressed. Frequency of causes and levels of amputations, the impact of amputation on the patient and society, combating the impact of amputation surgery, the amputee service team and its role, prothesis, training in the use and care of the prothesis, and common amputee and prosthetic problems encountered in checkups are discussed. The text is designed for medical and paramedical personnel interested in the subject. (CD)

ABSTRACT 32855

EC 03 2855 ED 052 397
Publ. Date Apr 71 33p.
Exceptional Children Conference Papers: Physical Handicap.
Council for Exceptional Children, Arlington, Virginia
Bureau of Education for the Handicapped (DHEW/OE), Washington, D. C.
EDRS mf,hc

Papers Presented at the Annual International Convention of the Council for Exceptional Children (49th, Miami Beach, Florida, April 18-24, 1971).

Descriptors: exceptional child education; physically handicapped; special health problems; cerebral palsy; child development; educational programs; public schools; conference reports; Nebraska; Piaget, Jean

Four papers give attention to the physically handicapped child. The development of young cerebral palsied children according to Piaget's sensorimotor theory is discussed by F. Annette Tessier. The nature of crippled and other health impaired populations and provisions for their education are summarized by Joan R. Ward, based upon information presented at the Special Study Institute on Professional Preparation for Educators of Crippled Children (West Point, New York, December 9-12, 1970). Richard Galusha describes the Dr. J.P. Lord School for physically handicapped children, an Omaha, Nebraska public school. In the fourth brief paper, Joe Gaughan reviews a model Title VI-B program for physically handicapped children in Nebraska--a Therapeutic Nursery School. (For other CEC convention papers, see EC 032 854, EC 032 856-EC 032 861.) (KW)

ABSTRACT 32877

EC 03 2877 ED 053 499
Publ. Date 71 24p.
The Provision of Education for Pupils Who Are Homebound or Hospitalized.
Ontario Department of Education, Toronto
EDRS mf,hc

Descriptors: exceptional child education; homebound; hospitalized children; educational programs; special health problems; physically handicapped; administration; teacher role

Suggestions are made for administrators responsible for the establishment and supervision of programs and services for children who are homebound or hospitalized and for teachers of such children. The section for the administrator considers program objectives, program merits, responsibilities and supervision, pupil eligibility, referrals, termination of home instruction, teacher selection, parent responsibilities, and programs for the emotionally disturbed, severely retarded, and learning disabled. Recommendations for teachers include teacher role, supportive consultants, making a community directory, self-help, procedure subsequent to referral, initial home visit and lesson, the hospital setting, team conferences, time for instruction, and record-keeping. Types of programs and aids and a glossary are also included. (RJ)

ABSTRACT 32892

EC 03 2892 ED N.A.
Publ. Date Aug 71 9p.
Sibinga, Maarten S.; Friedman, C. Jack
Complexities of Parental Understanding of Phenylketonuria.
EDRS not available
Pediatrics; V48 N2 P216-24 Aug 1971

Descriptors: exceptional child research; special health problems; parent education; educational background; physicians; communication problems; phenylketonuria; pediatrics

Parental understanding of phyenylketonuria (PKU), investigated through a questionnaire, was evaluated as to completeness and with respect to distortion. Only 19% of 79 parents gave adequately correct answers. The education of the parents was not related to their understanding. Neither the intellectual status of the child with PKU nor its behavioral reactions were found to be related to the individual parent's understanding of the illness. However, the better the understanding of a marital pair, the more intelligent the child was (p less than .05) and the higher its behavioral score tended to be (p less than .10). Mothers with more complete understanding tended to have brighter sons. Half of the total parent group displayed considerable tendencies to distort in their answers to the questionnaires, education again being unrelated to distortion. Fathers who were more prone to distort had children with lower IQ scores (p less than .05) and poorer behavior ratings (p less than .10). The authors believe that effectiveness of communication with parents is, in part, related to the nature of parental thinking. This might be explored independently, not where it pertains to the child's illness. (Author)

ABSTRACT 32915

EC 03 2915 ED N.A.
Publ. Date Aug 71 307p.
Bagley, Christopher
The Social Psychology of the Epileptic Child.
EDRS not available
University of Miami Press, Drawer 9088, Coral Gables, Florida 33124 ($12.50).

Descriptors: exceptional child research; special health problems; epilepsy; neurologically handicapped; neurological defects; seizures; behavior patterns; social attitudes; social influences; family attitudes

In order to measure the extent to which psychological, biological, and social factors interact with one another to affect elipeptic children, and thus to describe the reality in which epileptics and their families live, 118 epileptic children (median age 14.0 years) who were outpatients in the neurological department of a teaching hospital, were studied for 3 years. The study aimed to provide clinicians with additional information about epileptic children to help treatment of psychiatric disorders. The integrated study used measurements of psychiatrists, neurologists, social workers, psychologists, radiographers, and electroencephalographers. Review of studies about psychiatric and social aspects of epilepsy in adolescents and children provided background for the study's primary analysis relating to behavior and environment of epileptic children, attitudes of their parents, manifestations and frequency of their fits, existence of brain damage, type of epilepsy, intelligence data, attainment data, physical data, and developmental data. The study's conclusion was that sociology, psychology, and biology merged in describing constraints on role behavior of epileptic children. (CB)

ABSTRACT 33050

EC 03 3050 ED N.A.
Publ. Date 71 140p.
Elliott, Ruth
Life and Leisure for the Physically Handicapped.
EDRS not available
Elek Books, Limited, 2 All Saints Street, London N1, England.

Descriptors: physically handicapped; homebound; equipment; child care; transportation; employment; employment opportunities; leisure time; recreation; financial support; daily living skills; habilitative aids

Presented is practical advice on daily living skills for the physically handicapped: children, elderly, and those in between. Subjects discussed are making alterations to the home for safety, comfort, and convenience, looking after handicapped children and encouraging them to be as independent as possible, transportation, the importance of being able to work and how to go about training, filling leisure time and arranging holidays, and procedures for claiming financial relief. The discussion is illustrated with drawings of some of the more complicated equipment and some aids that can be made at home. (CB)

ABSTRACT 33051

EC 03 3051 ED N.A.
Publ. Date 69 796p.
Lowman, Edward W.; Klinger, Judith Lannefeld
Aids to Independent Living: Self-Help for the Handicapped.
EDRS not available
McGraw-Hill Book Company, 330 West 42nd Street, New York, New York 10036.

Descriptors: physically handicapped; equipment; equipment utilization; audio visual aids; electromechanical aids; mobility aids; sensory aids; daily living skills; habilitative aids

Presented is a comprehensive listing of self-help devices for the physically handicapped. Containing 65 categories of basic activity, the work correlates ideas and information on new trends with specific aids and sources. Pictures accompany each device to clarify function. The self-help devices discussed may be grouped into three main categories: prosthetic devices, orthoses, and adaptive devices. The devices are grouped into functional areas: basic tasks of daily living, ambulation, housing, furniture and posturpedic equipment, homemaking, communications and vocations, recreation and avocational interests, transportation and travel, and education, speech, and organizations designed to help the handicapped. Emphasis is placed upon principles for resolving physical problems and thus, aids cited are illustrative. Appended is a list of equipment sources, with addresses and prices. (CB)

ABSTRACT 33068

EC 03 3068 ED N.A.
Publ. Date 71 287p.
Aas, Kjell
The Allergic Child.
EDRS not available
Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, Illinois 62703 ($11.75).

Descriptors: exceptional child services; special health problems; allergy; asthma; medical treatment; medical evaluation; medical case histories; etiology; disease control; parent education

Written primarily for parents and those people having contact with allergic children, the book presents information to improve the understanding and treatment of allergic children. Allergic diseases are defined as illnesses of special reactions. Emphasis is placed on more serious or difficult allergic reactions in both the general discussion and the case histories. Topics discussed are the role of allergens in causing allergic diseases, allergy prophylactic measures, threshold mechanisms, allergic rhinitis, hay fever, sea-

sonal rhinitis, pollen allergies, asthma, bronchitis, allergic skin diseases, allergic shock, serum sickness, allergic eyes, headache, mental factors in allergic diseases, environmental factors, allergy diagnosis, general instructions for elimination and provocation diets for allergy, allergen elimination, hyposensitization, medicinal effects and side-effects, physical treatment and gymnastics for asthmatics, prophylactic vaccines, use of gamma-globulin and fluoride, growing out of allergies, the school and the allergic child, and allergy and choice of vocation. (CB)

ABSTRACT 33100

EC 03 3100 ED N.A.
Publ. Date Jan 69 1072p
Gardner, Lytt I., Ed.
Endocrine and Genetic Diseases of Childhood.
EDRS not available
W. B. Saunders Company, West Washington Square, Philadelphia, Pennsylvania 19105 ($34.00).

Descriptors: exceptional child research; special health problems; diseases; metabolism; genetics; medical evaluation; medical treatment; textbooks; endocrine glands; pediatrics

The multi-authored textbook provides a technical information source on the pathophysiology, diagnosis, and therapy of principal endocrine and genetic diseases in the pediatric age group. Information covers differential diagnosis and management of disorders in question, as well as academic aspects of the disorders. Normal and abnormal growth patterns, beginning with growth and development of the human embryo and fetus, introduce the book. Discussion of pituitary and thyroid disorders follows, including a section on the hormone thyrocalcitonin. Also covered are parathyroid disorders, disorders of the adrenal cortex, ontogenesis of the gonads, and disorders of sexual development. An examination of syndromes exhibiting chromosomal abnormalities reviews both cytogenetic and dermatoglyphic techniques. The latter portion of the book covers major biochemical errors and metabolic diseases encountered in the younger age group such as disorders of potassium and magnesium metabolism, hereditary metabolic bone diseases, disorders of catecholamine metabolism, disorders of carbohydrate metabolism, genetic defects of amino acid metabolism, genetic defects in protein metabolism, disturbances of serum lipoproteins, the lipidoses, obesity in children and adolescents, cystic fibrosis, and disorders of heme and porphyrin metabolism. Psychologic and genetic counseling aspects of endocrine and genetic disease is the final subject explored. (CB)

AUTHOR INDEX

Aas, Kjell 33068.
Bagley, Christopher 32915.
Belchick, Gerald D 32423.
Calovini, Gloria 30623.
Cann, Cairbre 10058.
Carson, Ruth 20503.
Cox, Ruth Wade 21679.
Cratty, Bryant J 30708.
Debuskey, Matthew, Ed 31117.
Deschin, Celia S 31784, 32228-32229.
Diller, Leonard and Others 21469.
Dombro, Robert H, Ed 31117.
Downer, Ann H 31233.
Elliott, Ruth 33050.
Etter, Mildred Field 23514.
Fassler, Joan 22214.
Fiddes, D O 32567.
Finnie, Nancie R 22230.
Friedman, C Jack 32892.
Froeschels, Emil 23043.
Gardner, G Gail 31607.
Gardner, Lytt I, Ed 33100.
Gordon, Ronnie 20829.
Gore, Beatrice E 32616.
Graham, Earl C, Ed 11385.
Gust, Tim 30424.
Hall, Robert E 10125.
Helsel, Elsie D, Ed 11385.
Henderson, Jim, Ed 31848.
Herron, Charles E and Others 21933.
Hicks, John 32376.
Horstmann, Dorothy M 32328.
Hutchinson, Jack 22109.
Irwin, Orvis C 11576.
James, Mary Hamilton 21679.
Kamenetz, Herman L 31628.
Karelitz, Samuel 32007.
Katz, Alfred H 21339.
Keats, Sidney 20216.
Kemp, Robert 31885.
Kessler, Henry H 31702.
Klinger, Judith Lannefeld 33051.
Klinger, Judith Lannefeld and Others 30386.
Korst, Joseph W 11576.
Lehman, Eileen F 10125.
Lewis, Ruth 32345.
Lightwood, Reginald and Others 32557.
Lindsay, Zaidee 20475.
Love, Russel J 21493.
Lowman, Edward W 33051.
Lucas, Carol 31632.
Lukens, Kathleen 22141.
Lynch, Henry T, Comp 22545.
Mann, Joe, Ed 31848.
McDonald, Eugene T 10115.
McGowan, John F 30424.
Merrill, Toni 31234.
Mital, Mohinder A 32654.
Muthard, John E 22109.
Nash, Marygold V 31784.
Nemarich, Samuel P 20180.
Niedermeyer, E, Ed 31290.
Noland, Robert L, Comp 32026.
Osofsky, Howard J 22896.
Outland, Richard W 32616.
Panter, Carol 22141.
Pate, John E 31001.
Pierce, Donald S 32654.
Pringle, M L Kellmer 32567.
Prisuta, Richard 31781.
Rathbone, Josephine L 31632.
Richardson, Stephen A 30284.
Robertson, James 32476.
Robinault, Isabel P, Comp 10354.
Rosenthal, Helen 30115.
Rosenthal, Joseph 30115.
Sattler, Jerome M 32581.
Savino, Michael T 30630, 32423.
Saylor, Louis F 23555.
Scherzer, Alfred L 31607.
Sibinga, Maarten S 32892.
Siller, Jerome and Others 21448.
Smith, David W 31282.
Sullivan, Richard A and Others 22204.
Swinyard, Chester A, Ed 30358.
Tozier, Leonard L 32581.
Velleman, Ruth A 20180.
Wieder, Daniel 32376.
Wildman, Peggy Riggs 11757.
Withington, Lucile F 30630.
Wolf, James M, Ed 22051.
Yukor, Harold E and Others 11990,

SUBJECT INDEX

Academic Achievement 21469, 31001, 32567.
Activities 10354.
Adjustment Problems 22109.
Adjustment (to Environment) 21933.
Administration 10354, 30623, 32877.
Administrative Organization 32580.
Administrative Policy 32476, 32616.
Administrator Role 30623.
Admission Criteria 31519.
Adolescents 10058, 22896.
Adults 10058, 11757.
Age Differences 21493, 30284.
Agencies 21679.
Agency Role 11992, 20171, 21679.
Allergy 20503, 33068.
Amputees 21448, 21469, 30386, 32654.
Annotated Bibliographies 10354.
Anomalies 22545, 30358, 31282, 32345.
Aphasia 22141.
Architectural Barriers 30424, 31277, 31416.
Architectural Programing 11990, 20169, 20939.
Art 20180, 20475, 31632.
Art Materials 20475.
Articulation (Speech) 21493, 23043.
Asthma 20503, 33068.
Athletic Equipment 21933.
Athletics 31233.
Attitude Tests 21448.
Attitudes 21448, 30284.
Audio Equipment 22204.
Audiovisual Aids 22434, 31848, 33051.
Audiovisual Instruction 10354.
Auditoriums 22434.
Aural Stimuli 21493, 22214.
Aurally Handicapped 11537, 31781.
Behavior Change 11757.
Behavior Patterns 32915.
Behavior Rating Scales 32229.
Biochemistry 31290.
Blind 21448, 31277.
Building Design 11537, 11990, 20939, 30424.
Business Education 20180.
California 21679, 23555, 30630, 32423, 32616.
Camping 31892.
Campuses 11537, 30424.
Canada 32345.
Cardiac (Person) 20322.
Cardiovascular System 21339.
Catalogs 10354.
Cerebral Palsy 10058, 10115, 10354, 10565, 10588, 11385, 11576, 11757, 11992, 20169, 20171, 20216, 20475, 21493, 22051, 22109, 22214, 22230, 23043, 30042, 32376, 32581, 32855.
Chalkboards 11990.
Changing Attitudes 30042.
Child Care 22230, 32476, 33050.
Child Care Centers 20171.
Child Development 11757, 32376, 32855.
Child Rearing 11757.
Childhood Needs 31117.
Classification 10115.
Classroom Arrangement 11990, 20829.
Classroom Furniture 20829.
Cleft Lip 32345.
Cleft Palate 32345.
Climate Control 20939.
Clinical Diagnosis 10565, 11992, 20171, 22051, 32007.
Clinics 10565, 20171.
Cognitive Processes 22214.
College Buildings 10125, 11537, 30424.
Colleges 10125, 22109.
Communication Problems 10058, 32892.
Communication (Thought Transfer) 10058.
Community Health 20171.
Community Programs 11757, 20322.
Community Resources 20322.
Community Rooms 20939.
Community Services 10565, 11757.
Conference Reports 30042, 30866, 32855.
Consultants 20171.
Consumer Education 30386.
Contraception 22896.
Correlation 11576.
Corridors 11990, 20939.
Counseling 10125, 20180, 22545, 32026, 32580.
Counseling Effectiveness 32376.
Counselor Role 32026.

Course Objectives 11757.
Creative Expression 20475.
Curriculum 20180, 32580.
Curriculum Guides 32512.
Daily Living Skills 33050-33051.
Dance 31632.
Demography 21448.
Demonstration Projects 32228-32229.
Dental Health 20171.
Design Needs 11537, 11990, 20829, 20939, 21962.
Diabetes 22141, 30115.
Diagnostic Tests 22051.
Dietetics 30115.
Directories 10125, 22545, 31087, 31892.
Disability Benefits 31702.
Discipline 11757.
Disease Control 32328, 33068.
Diseases 22545, 32557, 33100.
Doman Delacato Method 22051.
Doors 11990, 20939.
Dramatics 20180.
Driver Education 20180, 31481.
Drug Therapy 31290.
Dutch Society for Rehabilitation 31519.
Dysarthric Speech 23043.
Early Childhood Education 20171, 20180.
Educational Background 32892.
Educational Diagnosis 10565.
Educational Facilities 11537, 20829, 22434.
Educational Needs 32567.
Educational Programs 32580, 32616, 32855, 32877.
Educational Trends 11992.
Electromechanical Aids 10058, 11992, 33051.
Embryology 30358.
Emotional Adjustment 21339, 32376, 32567.
Emotional Development 20503.
Emotional Problems 30358, 31117, 32476.
Employment 20169, 21339, 33050.
Employment Opportunities 22109, 33050.
Endocrine Glands 33100.
Environmental Influences 21962, 32345.
Epilepsy 30042, 31290, 31885, 32915.
Equipment 11990, 20739, 22434, 23514, 31429, 31481, 33050-33051.
Equipment Evaluation 22204.
Equipment Utilization 22204, 31429, 31628, 33051.
Etiology 10115, 10565, 11757, 11992, 20216, 20322, 23043, 31290, 33068.
Evaluation Criteria 31702.
Evaluation Methods 22051.
Exceptional Child Education 10115, 10125, 10354, 10588, 11537, 11757, 11990, 20180, 20475, 20829, 21933, 21962, 22434, 30623, 30708, 32512, 32580, 32616, 32855, 32877.
Exceptional Child Research 10058, 11576, 21448, 21469, 21493, 22109, 22214, 30284, 30358, 30866, 31001, 31282, 31607, 31781, 31784, 32228-32229, 32345, 32376, 32567, 32581, 32892, 32915, 33100.
Exceptional Child Services 10565, 11385, 11992, 20169, 20171, 20216, 20322, 20503, 20939, 21679, 22204, 22230, 23555, 30424, 30630, 31117, 31429, 31892, 32026, 32423, 32476, 33068.
Facilities 10125, 11537, 11990, 20169, 20829, 20939, 21962, 22434, 31519.
Facility Improvement 30424.
Factor Analysis 21448.
Family Attitudes 22141, 31117, 32915.
Family Counseling 20322, 31117, 32026.
Family Influence 32229.
Family Problems 11385, 32229.
Family Role 20322.
Family (Sociological Unit) 21339, 22141, 32229.
Federal Aid 20169, 20939.
Federal Government 10125, 20169.
Films 10354, 31848.
Filmstrips 10354, 31848.
Financial Support 11385, 11992, 20171, 31702, 33050.
Flexible Scheduling 20180.
Flooring 11990.
Followup Studies 31607, 31781, 32345.
Foreign Countries 31519.
Foster Family 21679.
Furniture 20829, 22434.
Games 10588, 30708, 31234, 31632.
Genetics 11992, 22545, 30358, 31282, 32026, 33100.
Great Britain 32476.
Group Dynamics 31784.
Grouping (Instructional Purposes) 20180.
Guidelines 30386, 31087, 31233, 31277, 31702.
Gymnasiums 22434.
Habilitative Aids 31429, 31481, 31628, 33050-33051.
Handicapped 10125, 10588, 30386, 31234, 31632, 31781.
Handicapped Children 11537, 11992, 31234, 31892, 32026, 32557, 32581.
Handicrafts 20475, 22434.
Health 11385, 20322, 31702.
Health Education 20180, 32007.
Health Services 20169, 23555.
Hemophilia 21339.
Heredity 21339.
Historical Reviews 31628.
Hobbies 31632, 32628.
Home Economics 20180, 30386.
Home Instruction 32580, 32616.
Homebound 10565, 31117, 32616, 32877, 33050.
Hospitalized Children 21679, 31234, 31429, 32476, 32616, 32877.
Hospitals 10565, 32476.
Hotels 31416.
Housing 31519.
Housing Opportunities 31519.
Hygiene 30115.
Identification 10115, 10565, 20216, 20322, 31702.
Illegitimate Births 22896.
Incidence 10565, 20503, 20939, 21339, 21933, 30358, 32328.
Individual Characteristics 21469.
Infectious Diseases 32007, 32328.
Injuries 11992.
Inservice Education 20171.
Institutions 10565, 20169.
Instructional Materials 10354, 10588, 20829, 21933.
Instructional Media 31848.
Insurance Programs 11385, 31702.
Intellectual Development 31607, 32567.
Intelligence Differences 21469.
Intelligence Level 21469, 31001.
Intelligence Quotient 21493, 32581.
Intelligence Tests 11576, 32345, 32581.
Interdisciplinary Approach 20216, 21679, 30866.
Internal Scaling 21448.
Intervention 32376.
Interviews 31781.
Item Analysis 21448.
Laboratories 11990.
Landscaping 20939.
Language Arts 20180.
Language Development 10115.
Learning Characteristics 22214.
Learning Difficulties 31001.
Leisure Time 21339, 31234, 33050.
Leprosy 30042.
Libraries 11990, 20180, 22434.
Lighting 11990, 20939.
Low Rent Housing 20939.
Lysergic Acid Diethylamide 11992.
Males 21339, 32628.
Manipulative Materials 10588.
Manpower Needs 31781.
Massachusetts 32654.
Mathematics 20180, 21469.
Measurement Techniques 32228.
Medical Case Histories 33068.
Medical Evaluation 10115, 10354, 10565, 20216, 20503, 22896, 30866, 31702, 32007, 32557, 33068, 33100.
Medical Research 11992, 22545, 30358, 31290, 32328.
Medical Treatment 10565, 11992, 20171, 20216, 20322, 20503, 21339, 22545, 30115, 30358, 30866, 31117, 31290, 32007, 32557, 32654, 33068, 33100.
Memory 22214.
Meningitis 31001.
Meningomyelocel 31607.
Mental Health 31784.
Mentally Handicapped 11757, 20169.
Metabolism 33100.
Minimally Brain Injured 22051.
Missouri 30424.
Mobility Aids 22434, 33051.
Mongolism 11992, 22141.
Motels 31416.
Mothers 32476.
Motor Development 21962, 22051, 22230, 30866.
Motor Reactions 20475, 22214, 23043.
Multiply Handicapped 10115, 11992, 20216.
Muscular Strength 23514.
Music 20180, 31632.
National Easter Seal Society for Crippled Children and Adults 31892.
National Programs 10125, 20169.
National Surveys 21339, 31416.
Nebraska 32855.
Negative Attitudes 21448.
Netherlands 31519.
Neurological Defects 23043, 31290, 32915.
Neurologically Handicapped 10115, 11385, 22051, 32376, 32512, 32580, 32915.
Neurology 10115, 23043.
New York 11537, 32228-32229, 32580.
Nursing 31233.
Nursing Homes 21679, 31519.
Nutrition 11990, 20939, 22434.
Occupational Therapy 20216, 22051, 23514.
Ohio 31781.
Older Adults 20939, 30386, 31519.
Outdoor Education 31892.
Parent Attitudes 31117, 32376.
Parent Child Relationship 31117, 32476.
Parent Counseling 11992, 20171, 32026, 32376.
Parent Education 11757, 22230, 31885, 32007, 32892, 33068.
Parent Role 20503, 21339, 22230.
Pediatrics 31117, 32007, 32026, 32476, 32557, 32892, 33100.
Peer Relationship 31001, 31784.
Perceptual Motor Coordination 10588,

21962.
Perceptual Motor Learning 30708.
Personal Adjustment 30866, 31001, 31885.
Personal Care Homes 11385, 31519.
Personality 21469.
Phenylketonuria 32892.
Photography 20180.
Physical Activities 22230, 23514, 31632, 32628.
Physical Characteristics 31001.
Physical Development 22230, 31607.
Physical Education 10125, 20180, 21933.
Physical Fitness 23514.
Physical Handicaps 31233.
Physical Therapists 31233.
Physical Therapy 10115, 20216, 22051, 23514, 31233.
Physically Handicapped 10058, 10115, 10125, 10354, 10565, 10588, 11385, 11537, 11576, 11757, 11990, 20169, 20171, 20180, 20475, 20829, 20939, 21448, 21469, 21679, 21933, 21962, 22109, 22141, 22204, 22214, 22230, 22434, 23514, 23555, 30042, 30284, 30358, 30386, 30424, 30623, 30630, 30708, 30866, 31087, 31234, 31277, 31282, 31416, 31429, 31481, 31519, 31628, 31702, 31781, 31784, 32228-32229, 32345, 32423, 32476, 32512, 32567, 32580, 32616, 32628, 32654, 32855, 32877, 33050-33051.
Physicians 31117, 31233, 32026, 32892.
Physiology 20503, 31290.
Piaget (Jean) 32855.
Placement 21679.
Playgrounds 21962.
Pregnancy 11992, 22896.
Premature Infants 11992.
Prenatal Influences 11992, 20171.
Preschool Children 20216, 20829, 21962, 32512.
Prevention 11992, 32007, 32328.
Preventive Medicine 10565, 20322, 32328.
Program Descriptions 20169, 21679, 32580.
Program Evaluation 20322, 32376.
Program Planning 10565, 20171, 20322, 21679.
Program Proposals 23555.
Programed Instruction 20169.
Prostheses 20216, 21469, 30358, 30386, 32654.
Psycholinguistics 21469.
Psychological Characteristics 31001.
Psychological Needs 11757.
Psychology 20503.
Psychomotor Skills 10588, 20475.
Psychosomatic Diseases 20503.
Public Education 31781.
Public Health 20322.
Public Opinion 30042.
Public Relations 30042.
Public Schools 32855.
Rating Scales 32229.
Reading 20180.
Reading Ability 21469.
Recreation 10354, 11757, 31234, 31632, 31892, 33050.
Recreational Facilities 11990, 21962.
Recreational Programs 31784, 32628.
Reference Books 31282.
Rehabilitation 30386, 31519, 31632, 31848, 32654.
Rehabilitation Programs 20216, 23514, 30630, 32423.
Religious Education 11757.
Research Projects 20169, 30630.
Research Reviews (Publications) 32581.
Residential Care 11385, 20169, 20171, 23555, 31519.
Residential Programs 31892.
Resource Guides 31429, 31848.
Rubella 11992, 32328.
Safety Education 11537, 20939.
Sanitary Facilities 11537, 11990, 20939.
Sciences 11990, 20180, 22434.
Scouting 32628.
Seizures 31290, 32915.
Self Care Skills 10588, 20216.
Self Concept 21339, 31784, 32228.
Self Evaluation 32228.
Sensory Aids 22204, 33051.
Sensory Training 21493.
Services 30623.
Sex Differences 21493, 30284.
Sex Education 22896.
Sheltered Workshops 20171.
Site Selection 20939.
Skill Development 10588.
Social Adjustment 32567, 32654.
Social Attitudes 30284, 32915.
Social Characteristics 21339.
Social Influences 21469, 32915.
Social Problems 22896.
Social Studies 20180.
Social Work 32228-32229.
Space Utilization 20829.
Special Classes 30623.
Special Counselors 10125.
Special Health Problems 20322, 20503, 20829, 21339, 22141, 30115, 30386, 30623, 30866, 31001, 31117, 31607, 31632, 31848, 31885, 31892, 32007, 32026, 32328, 32557, 32855, 32877, 32892, 32915, 33068, 33100.
Speech Evaluation 10115.
Speech Handicapped 10115, 11576, 21493, 23043.
Speech Improvement 21493.
Speech Skills 10115.
Speech Tests 11576, 21493.
Speech Therapy 10115, 10125, 20169, 20216, 20322, 21493, 23043.
Spina Bifida 30866.
State Legislation 20169, 20171.
State Programs 20171, 23555, 32616.
Stereotypes 21448.
Story Telling 30708.
Student Personnel Services 30424.
Student Placement 21469.
Study Guides 31233.
Study Habits 22434.
Summer Programs 31892.
Surveys 32345.
Swimming 11990.
Tape Recordings 31848.
Task Performance 22214.
Taxonomy 20216.
Teacher Role 32616, 32877.
Teaching Methods 20180, 20475.
Telephone Communication Systems 20939, 22204.
Test Construction 21448, 32228-32229.
Test Evaluation 32228-32229.
Test Reliability 32581.
Test Validity 32228.
Testing 11576.
Testing Problems 32581.
Textbooks 32557, 33100.
Thalidomide 30358, 32567.
Therapy 30866.
Toys 10588.
Training Techniques 21493.
Transparencies 31848.
Transportation 11537, 11990, 20939, 31087, 31277, 33050.
United States Housing Act of 1937 20939.
Universities 10125, 30630, 32423.
Unwed Mothers 22896.
Urban Environment 31087.
Verbal Ability 11576.
Verbal Stimuli 21493.
Video Tape Recordings 31848.
Visual Stimuli 21493.
Visually Handicapped 11537, 31781.
Visually Handicapped Mobility 31277.
Vocational Counseling 21339.
Vocational Education 10565, 31781.
Vocational Rehabilitation 10125, 10354, 20169, 30630, 32423.
Voice Disorders 23043.
Volunteers 20169, 20171.
Wechsler Intelligence Scale for Children 11576.
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LIPCO shall not be liable to Customer or any other person for any failure or delay in the performance of any obligation if such failure of delay, (a) is due to events beyond the control of LIPCO including, but not limited to, fire, storm, flood, earthquake, explosion, accident, acts of the public enemy, strikes, lockouts, labor disputes, labor shortage, work stoppages, transportation embargoes or delays, failure or shortage of materials, supplies or machinery, acts of God, or acts or regulations or priorities of the federal, state, or local governments, (b) is due to failures of performance of subcontractors beyond LIPCO's control and without negligence on the part of LIPCO, or (c) is due to erroneous or incomplete information furnished by Customer.

5. LIABILITY

LIPCO's liability, if any, arising hereunder shall not exceed restitution of charges.

In no event shall LIPCO be liable for special, consequential, or liquidated damages arising from the provision of services hereunder.

6. WARRANTY

LIPCO MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

7. CHANGES

No waiver, alteration, or modification of any of the provisions hereof shall be binding unless in writing and signed by an officer of LIPCO.

8. DEFAULT AND WAIVER

a. If Customer fails with respect to this or any other agreement with LIPCO to pay any invoice when due or to accept any shipment as ordered, LIPCO may without prejudice to other remedies defer any further shipments until the default is corrected, or cancel this Purchase Order.

b. No course of conduct nor any delay of LIPCO in exercising any right hereunder shall waive any rights of LIPCO or modify this Agreement.

9. GOVERNING LAW

This Agreement shall be construed to be between merchants. Any question concerning its validity, construction, or performance shall be governed by the laws of the State of New York.